Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020817\
Data File : BF092861.D
Acq On : 8 Feb 2017 18:57
Operator : SJ/MA
Sample : PB96817BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** PB96817BS

Quant Time: Feb 08 23:42:18 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 14:50:05 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.90 | 152 | 139136 | 20.00 | ng | | -0.07 |
| 21) Naphthalene-d8 | 8.18 | 136 | 563119 | 20.00 | ng | | -0.08 |
| 38) Acenaphthene-d10 | 9.94 | 164 | 322205 | 20.00 | ng | | -0.07 |
| 63) Phenanthrene-d10 | 11.42 | 188 | 532083 | 20.00 | ng | | -0.07 |
| 75) Chrysene-d12 | 14.07 | 240 | 481925 | 20.00 | ng | | -0.08 |
| 86) Perylene-d12 | 15.51 | 264 | 402930 | 20.00 | ng | | -0.10 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.50 | 112 | 1038326 | 128.03 | ng | | -0.07 |
| 7) Phenol-d6 | 6.54 | 99 | 1454116 | 139.35 | ng | | -0.06 |
| 23) Nitrobenzene-d5 | 7.46 | 82 | 819974 | 81.09 | ng | | -0.08 |
| 41) 2,4,6-Tribromophenol | 10.73 | 330 | 295560 | 126.83 | ng | | -0.08 |
| 44) 2-Fluorobiphenyl | 9.25 | 172 | 1543411 | 86.78 | ng | | -0.08 |
| 78) Terphenyl-d14 | 13.00 | 244 | 1518520 | 74.04 | ng | | -0.08 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.57 | 88 | 163422 | 37.29 | ng | | 87 |
| 3) Pyridine | 3.30 | 79 | 468370 | 42.03 | ng | # | 85 |
| 4) n-Nitrosodimethylamine | 3.26 | 42 | 231076 | 44.16 | ng | | 90 |
| 6) Aniline | 6.56 | 93 | 276398 | 19.42 | ng | # | 75 |
| 8) 2-Chlorophenol | 6.68 | 128 | 407081 | 45.50 | ng | | 96 |
| 9) Benzaldehyde | 6.44 | 77 | 159594 | 21.35 | ng | | 98 |
| 10) Phenol | 6.56 | 94 | 533649 | 43.71 | ng | | 79 |
| 11) bis(2-Chloroethyl)ether | 6.64 | 93 | 432753 | 44.41 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 7.07 | 146 | 422814 | 40.35 | ng | | 96 |
| 13) 1,4-Dichlorobenzene | 6.91 | 146 | 456392 | 43.03 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 6.91 | 146 | 456392 | 45.00 | ng | | 96 |
| 15) Benzyl Alcohol | 7.04 | 79 | 340556 | 44.08 | ng | | 96 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.17 | 45 | 685471 | 40.49 | ng | | 93 |
| 17) 2-Methylphenol | 7.16 | 107 | 365697 | 47.64 | ng | | 95 |
| 18) Hexachloroethane | 7.40 | 117 | 154792 | 42.75 | ng | | 88 |
| 19) n-Nitroso-di-n-propylamine | 7.31 | 70 | 285780 | 43.02 | ng | | 97 |
| 20) 3+4-Methylphenols | 7.31 | 107 | 409655 | 44.64 | ng | | 90 |
| 22) Acetophenone | 7.31 | 105 | 536007 | 41.69 | ng | # | 91 |
| 24) Nitrobenzene | 7.48 | 77 | 482822 | 46.50 | ng | | 91 |
| 25) Isophorone | 7.72 | 82 | 833501 | 44.23 | ng | | 99 |
| 26) 2-Nitrophenol | 7.80 | 139 | 233505 | 47.31 | ng | # | 78 |
| 27) 2,4-Dimethylphenol | 7.84 | 122 | 373328 | 43.07 | ng | | 97 |
| 28) bis(2-Chloroethoxy)methane | 7.93 | 93 | 498566 | 39.95 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 8.04 | 162 | 380088 | 47.01 | ng | | 94 |
| 30) 1,2,4-Trichlorobenzene | 8.12 | 180 | 383785 | 44.05 | ng | | 96 |
| 31) Naphthalene | 8.20 | 128 | 1169870 | 40.98 | ng | | 99 |
| 32) Benzoic acid | 7.96 | 122 | 213601 | 44.16 | ng | | 97 |
| 33) 4-Chloroaniline | 8.25 | 127 | 136340 | 12.18 | ng | | 96 |
| 34) Hexachlorobutadiene | 8.32 | 225 | 190110 | 39.66 | ng | | 99 |
| 35) Caprolactam | 8.62 | 113 | 85090 | 33.46 | ng | # | 59 |
| 36) 4-Chloro-3-methylphenol | 8.74 | 107 | 385531 | 45.74 | ng | | 100 |
| 37) 2-Methylnaphthalene | 8.90 | 142 | 831141 | 45.35 | ng | | 96 |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.06 | 216 | 348052 | 38.48 | ng | | 99 |
| 40) Hexachlorocyclopentadiene | 9.05 | 237 | 327139 | 80.17 | ng | | 97 |

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020817\
Data File : BF092861.D
Acq On : 8 Feb 2017 18:57
Operator : SJ/MA
Sample : PB96817BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** PB96817BS

Quant Time: Feb 08 23:42:18 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 14:50:05 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.17 | 196 | 253277 | 42.62 | ng | | 92 |
| 43) 2,4,5-Trichlorophenol | 9.22 | 196 | 270795 | 41.59 | ng | # | 89 |
| 45) 1,1'-Biphenyl | 9.36 | 154 | 947737 | 40.62 | ng | | 98 |
| 46) 2-Chloronaphthalene | 9.38 | 162 | 742106 | 40.66 | ng | | 96 |
| 47) 2-Nitroaniline | 9.48 | 65 | 262528 | 42.78 | ng | | 94 |
| 48) Acenaphthylene | 9.80 | 152 | 1273605 | 40.39 | ng | | 98 |
| 49) Dimethylphthalate | 9.66 | 163 | 967541 | 44.58 | ng | | 100 |
| 50) 2,6-Dinitrotoluene | 9.72 | 165 | 193887 | 41.37 | ng | # | 82 |
| 51) Acenaphthene | 9.97 | 154 | 776997 | 41.22 | ng | | 96 |
| 52) 3-Nitroaniline | 9.89 | 138 | 100124 | 18.67 | ng | | 84 |
| 53) 2,4-Dinitrophenol | 10.01 | 184 | 191310 | 80.22 | ng | | 95 |
| 54) Dibenzofuran | 10.14 | 168 | 1122040 | 44.50 | ng | | 93 |
| 55) 4-Nitrophenol | 10.06 | 139 | 314004 | 81.28 | ng | | 94 |
| 56) 2,4-Dinitrotoluene | 10.13 | 165 | 302954 | 48.55 | ng | # | 82 |
| 57) Fluorene | 10.49 | 166 | 858391 | 44.25 | ng | | 97 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.26 | 232 | 209443 | 48.22 | ng | | 94 |
| 59) Diethylphthalate | 10.36 | 149 | 909869 | 44.49 | ng | | 97 |
| 60) 4-Chlorophenyl-phenylether | 10.48 | 204 | 370419 | 39.75 | ng | | 89 |
| 61) 4-Nitroaniline | 10.51 | 138 | 215358 | 39.20 | ng | | 90 |
| 62) Azobenzene | 10.64 | 77 | 960858 | 45.47 | ng | | 96 |
| 64) 4,6-Dinitro-2-methylphenol | 10.54 | 198 | 138343 | 43.01 | ng | | 82 |
| 65) n-Nitrosodiphenylamine | 10.60 | 169 | 760368 | 44.73 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 10.97 | 248 | 237625 | 42.75 | ng | | 91 |
| 67) Hexachlorobenzene | 11.04 | 284 | 243848 | 44.39 | ng | | 96 |
| 68) Atrazine | 11.13 | 200 | 252085 | 46.21 | ng | | 98 |
| 69) Pentachlorophenol | 11.23 | 266 | 243913 | 85.47 | ng | | 97 |
| 70) Phenanthrene | 11.45 | 178 | 1217938 | 39.95 | ng | | 98 |
| 71) Anthracene | 11.50 | 178 | 1331600 | 43.50 | ng | | 97 |
| 72) Carbazole | 11.65 | 167 | 1074271 | 36.71 | ng | | 99 |
| 73) Di-n-butylphthalate | 11.98 | 149 | 1515358 | 47.88 | ng | # | 97 |
| 74) Fluoranthene | 12.64 | 202 | 1324848 | 42.13 | ng | | 96 |
| 76) Benzidine | 12.75 | 184 | 361809 | 17.62 | ng | | 97 |
| 77) Pyrene | 12.86 | 202 | 1333684 | 36.98 | ng | | 99 |
| 79) Butylbenzylphthalate | 13.48 | 149 | 651720 | 44.50 | ng | | 85 |
| 80) Benzo(a)anthracene | 14.05 | 228 | 1095105 | 37.15 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 14.02 | 252 | 227470 | 21.65 | ng | # | 94 |
| 82) Chrysene | 14.09 | 228 | 873329 | 31.65 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 14.04 | 149 | 861000 | 42.99 | ng | # | 93 |
| 84) Di-n-octyl phthalate | 14.65 | 149 | 1460309 | 44.77 | ng | | 99 |
| 85) Indeno(1,2,3-cd)pyrene | 16.95 | 276 | 997261 | 46.65 | ng | | 95 |
| 87) Benzo(b)fluoranthene | 15.09 | 252 | 1141198 | 43.03 | ng | | 97 |
| 88) Benzo(k)fluoranthene | 15.09 | 252 | 1141198 | 49.84 | ng | | 98 |
| 89) Benzo(a)pyrene | 15.45 | 252 | 972067 | 42.37 | ng | | 98 |
| 90) Dibenzo(a,h)anthracene | 16.96 | 278 | 827277 | 44.62 | ng | | 96 |
| 91) Benzo(g,h,i)perylene | 17.38 | 276 | 837865 | 44.73 | ng | # | 91 |

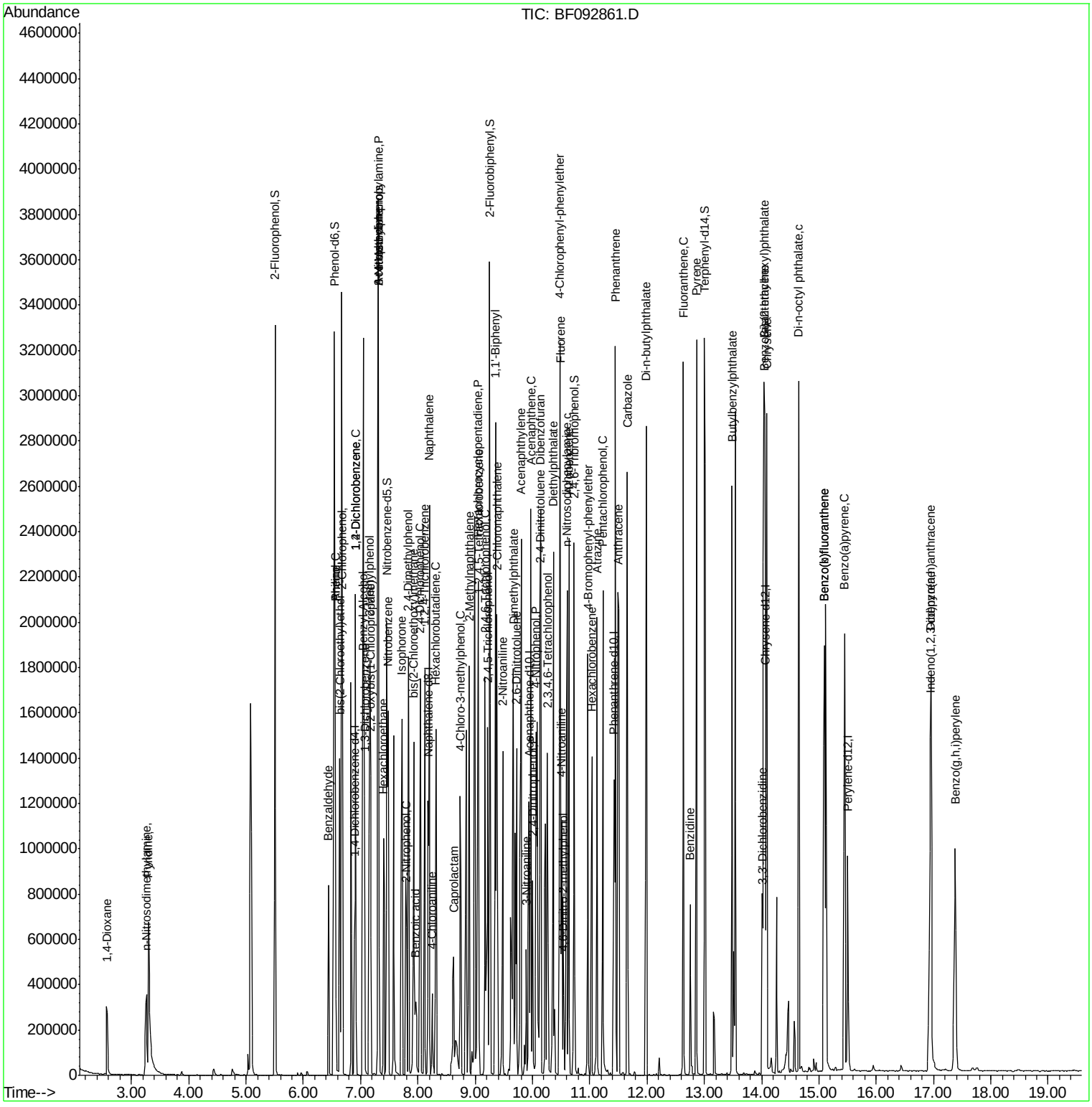
(#) = qualifier out of range (m) = manual integration (+) = signals summed

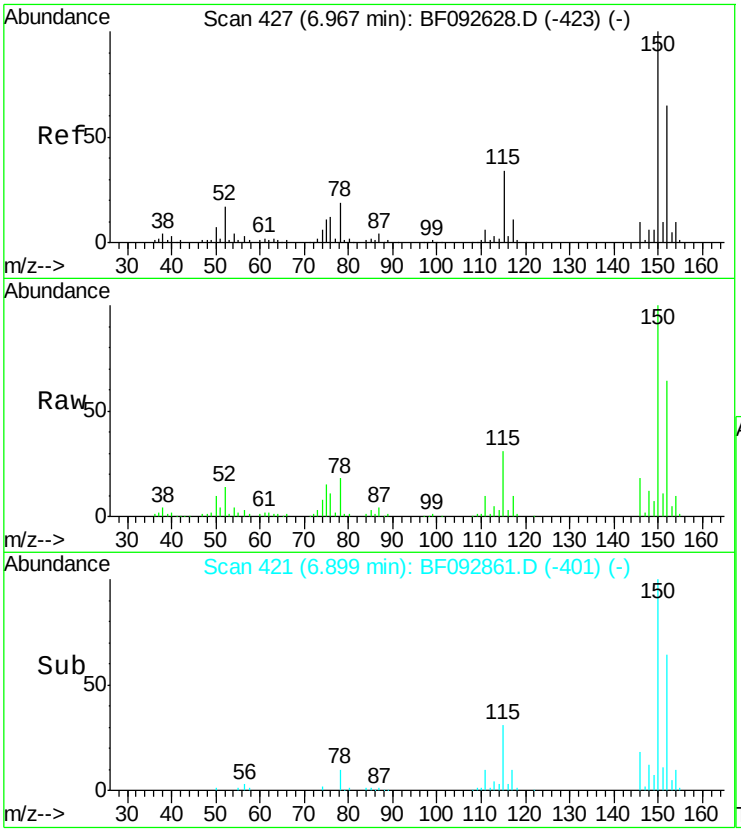
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020817\
Data File : BF092861.D
Acq On : 8 Feb 2017 18:57
Operator : SJ/MA
Sample : PB96817BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
PB96817BS

Quant Time: Feb 08 23:42:18 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 14:50:05 2017
Response via : Initial Calibration



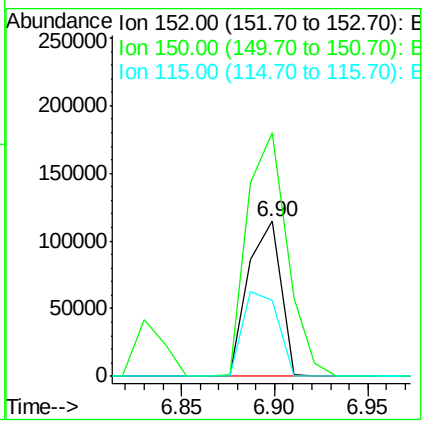


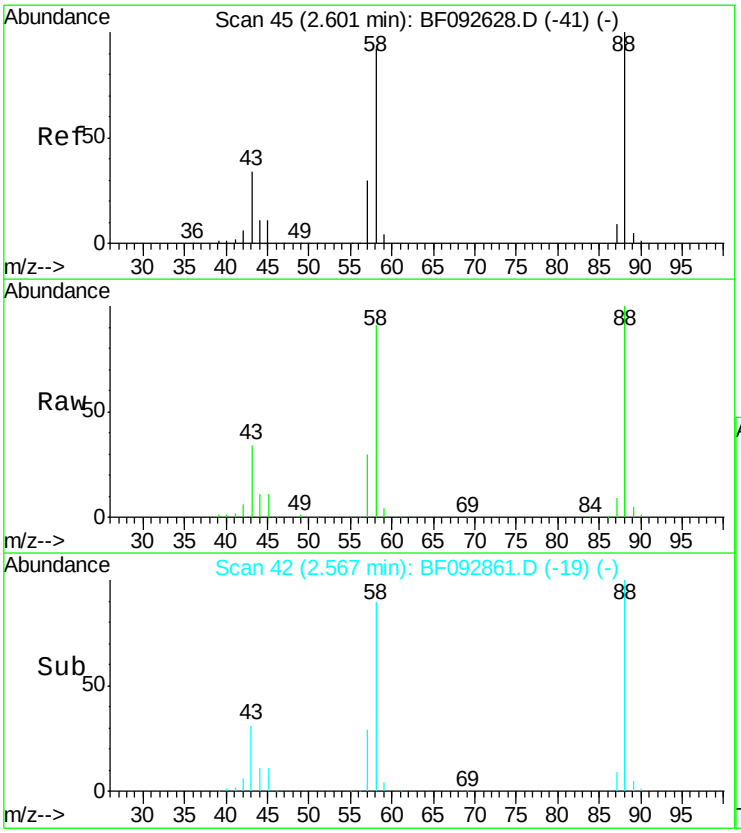

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.07 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

**Instrument :**
BNA_F
**ClientSampleId :**
PB96817BS

Tgt Ion:152 Resp: 139136

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 156.9 | 124.9 | 187.3 |
| 115 | 48.8 | 46.0 | 69.0 |

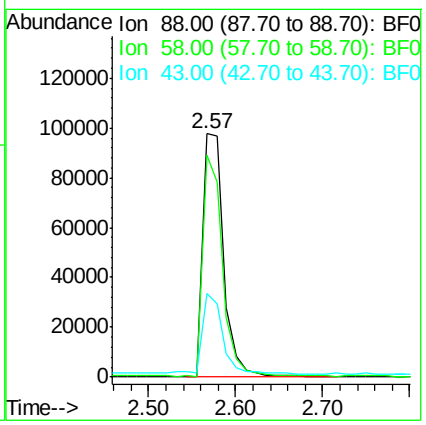


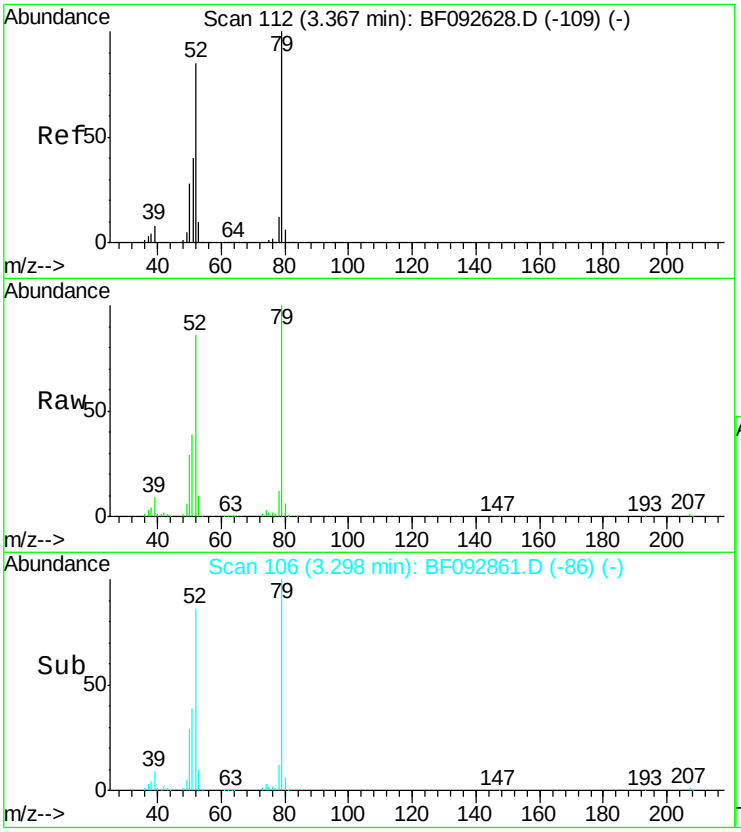




#2
1,4-Dioxane
Concen: 37.29 ng
RT: 2.57 min Scan# 42
Delta R.T. -0.03 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

Tgt Ion: 88 Resp: 163422

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 84.8 | 57.8 | 86.8 |
| 43 | 32.5 | 22.3 | 33.5 |



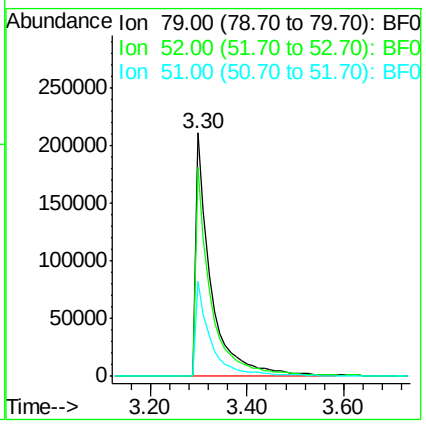


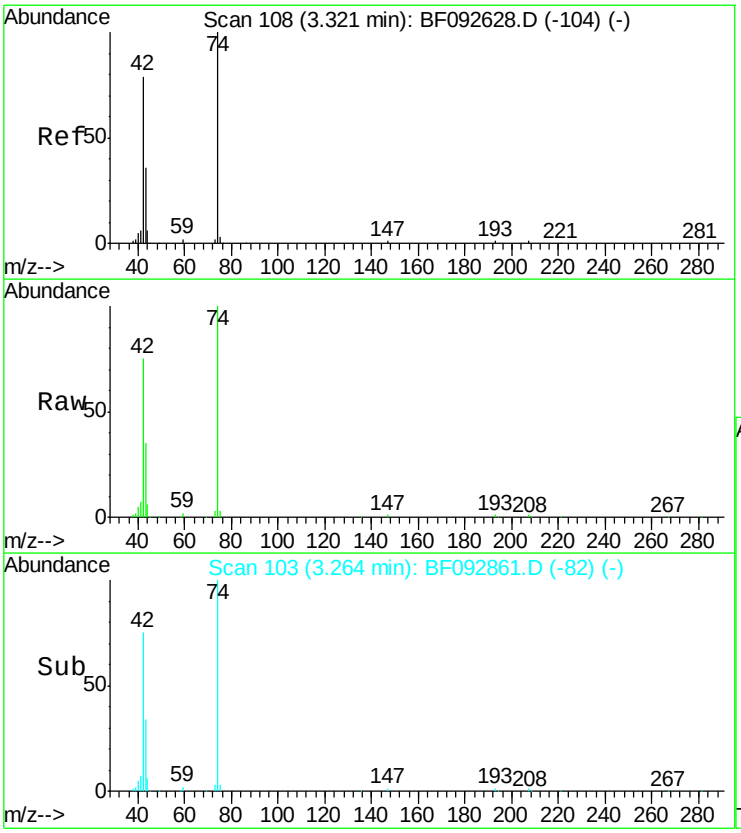

#3
Pyridine
Concen: 42.03 ng
RT: 3.30 min Scan# 106
Delta R.T. -0.07 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

**Instrument :**
BNA_F
**ClientSampleId :**
PB96817BS

Tgt Ion: 79 Resp: 468370

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 86.1 | 57.1 | 85.7# |
| 51 | 38.9 | 27.3 | 40.9 |

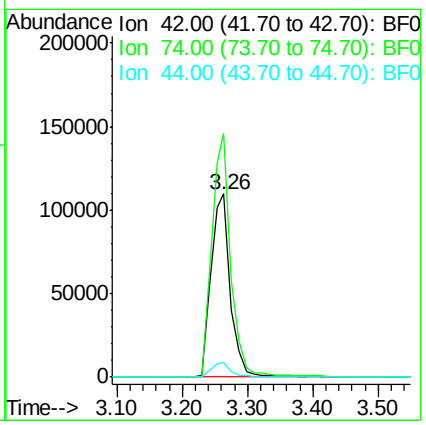


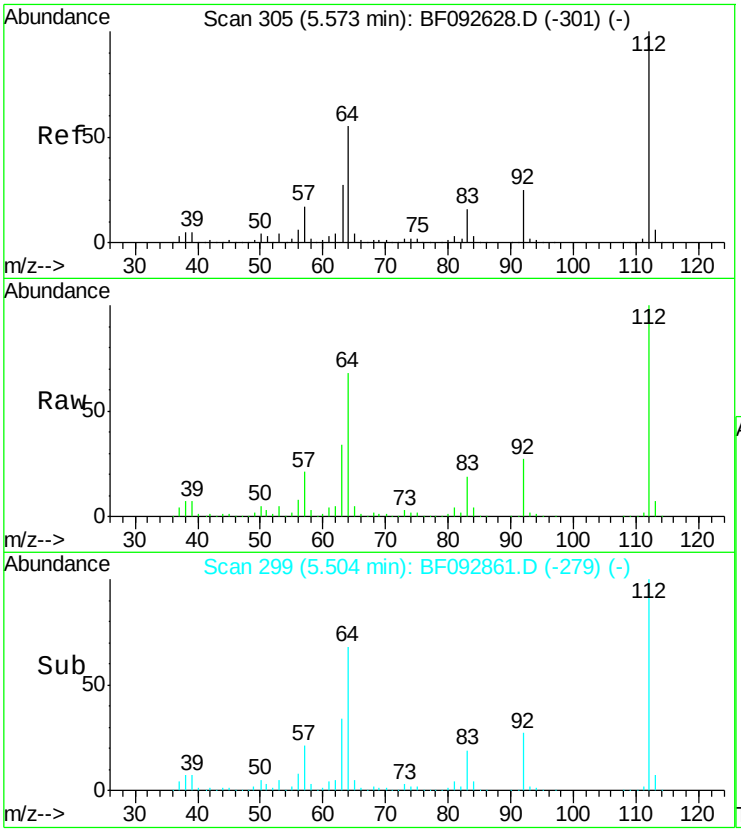




#4
n-Nitrosodimethylamine
Concen: 44.16 ng
RT: 3.26 min Scan# 103
Delta R.T. -0.06 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

Tgt Ion: 42 Resp: 231076

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 133.1 | 117.0 | 175.4 |
| 44 | 8.0 | 5.5 | 8.3 |



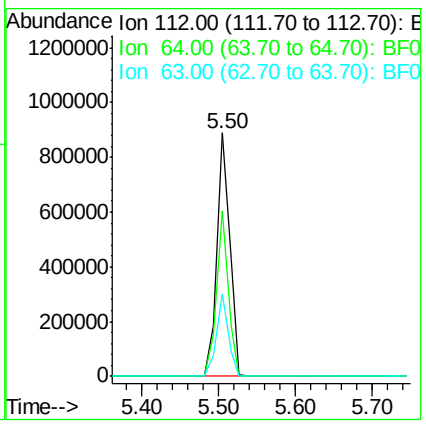


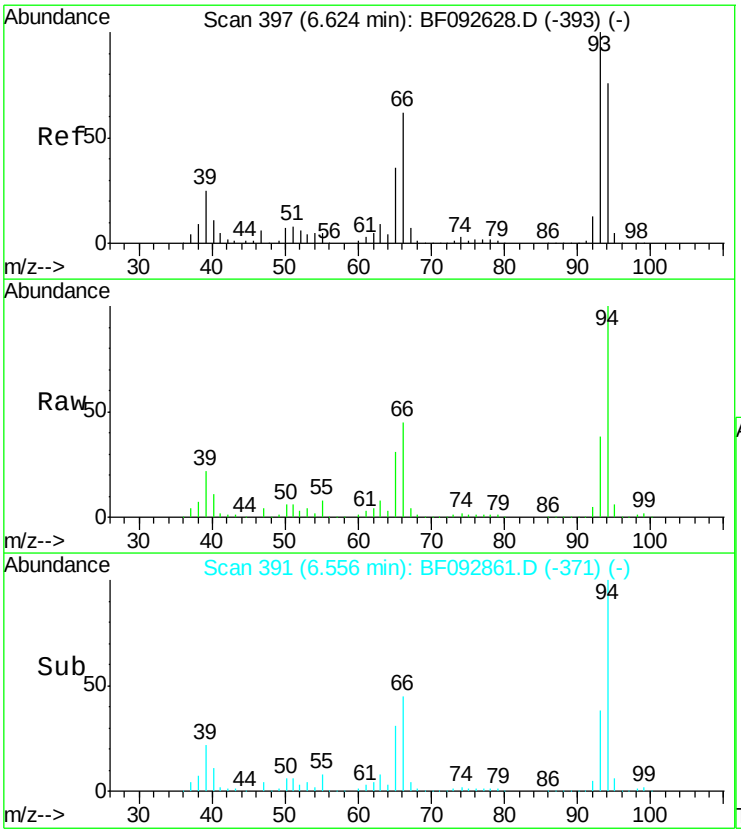

#5
2-Fluorophenol
Concen: 128.03 ng
RT: 5.50 min Scan# 299
Delta R.T. -0.07 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

**Instrument :**
BNA_F
**ClientSampleId :**
PB96817BS

Tgt Ion:112 Resp: 1038326

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 68.1 | 46.1 | 69.1 |
| 63 | 34.0 | 23.8 | 35.6 |

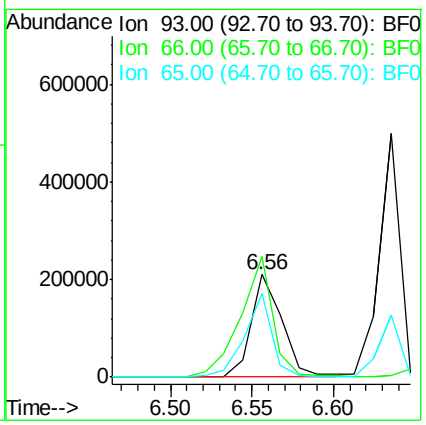


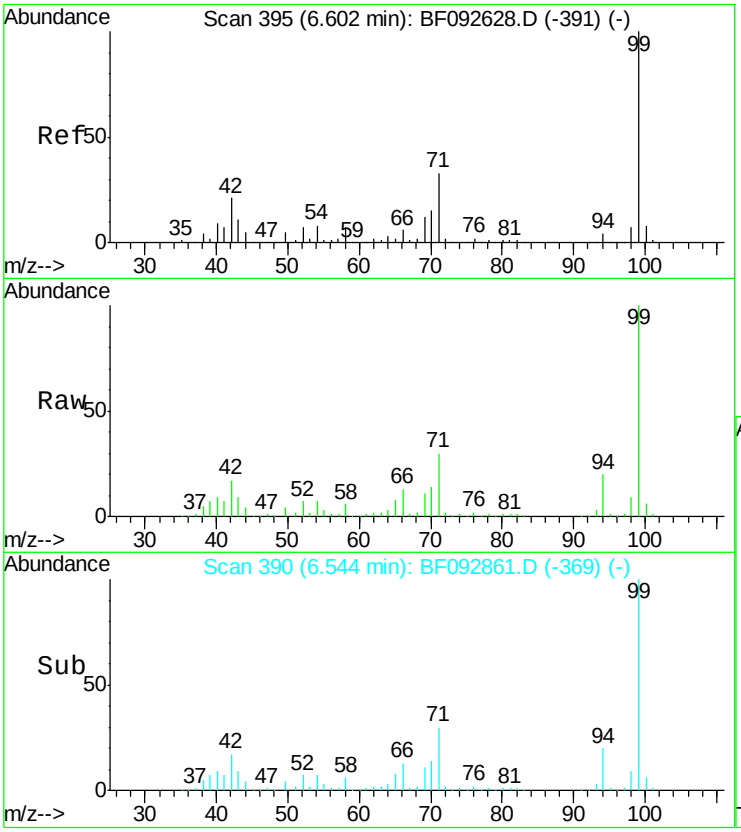




#6
Aniline
Concen: 19.42 ng
RT: 6.56 min Scan# 391
Delta R.T. -0.07 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

Tgt Ion: 93 Resp: 276398

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 118.5 | 76.2 | 114.2# |
| 65 | 81.5 | 49.3 | 73.9# |



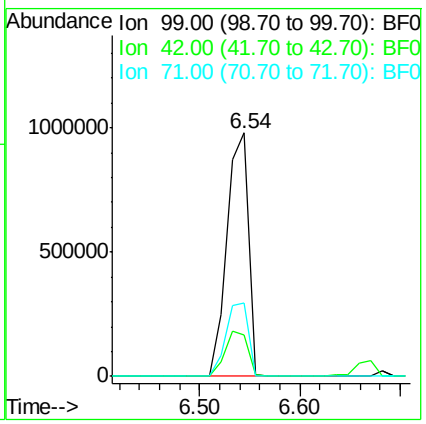


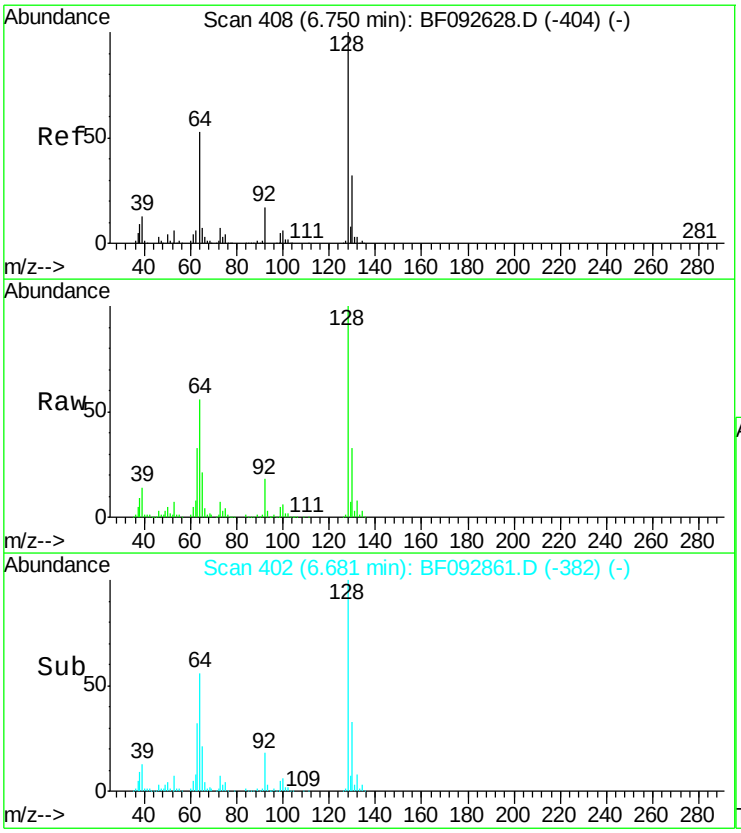

#7
Phenol-d6
Concen: 139.35 ng
RT: 6.54 min Scan# 390
Delta R.T. -0.06 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

**Instrument :**
BNA_F
**ClientSampleId :**
PB96817BS

Tgt Ion: 99 Resp: 1454116

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 16.9 | 15.6 | 23.4 |
| 71 | 30.1 | 27.5 | 41.3 |

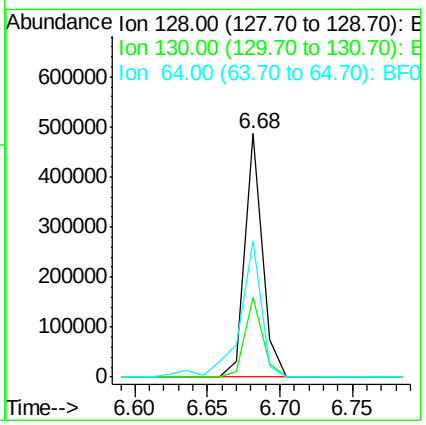


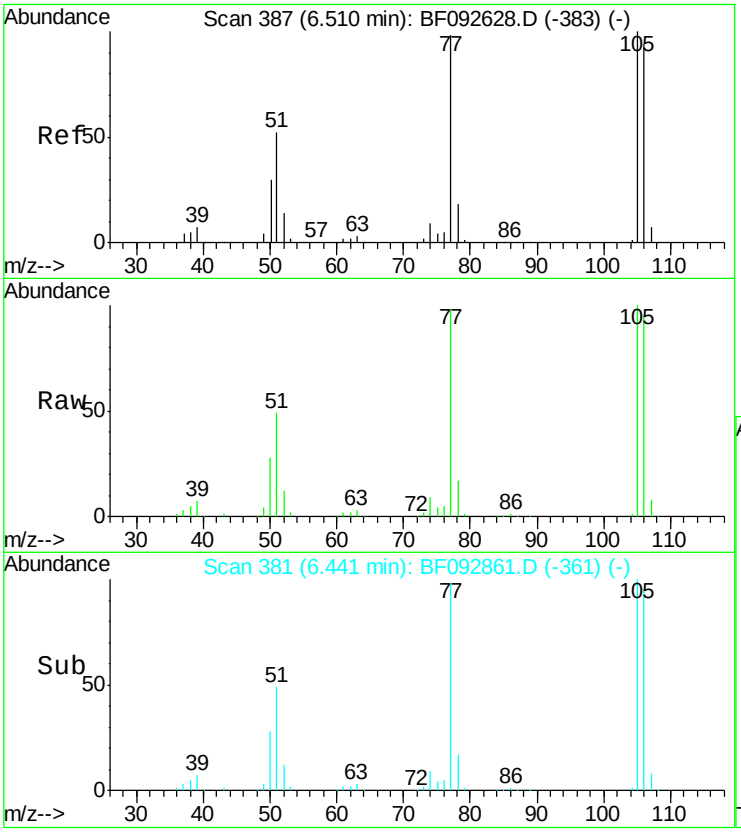




#8
2-Chlorophenol
Concen: 45.50 ng
RT: 6.68 min Scan# 402
Delta R.T. -0.07 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

Tgt Ion:128 Resp: 407081

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.8 | 12.3 | 52.3 |
| 64 | 55.9 | 32.2 | 72.2 |



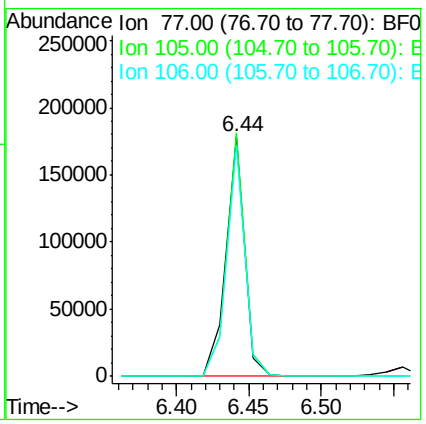


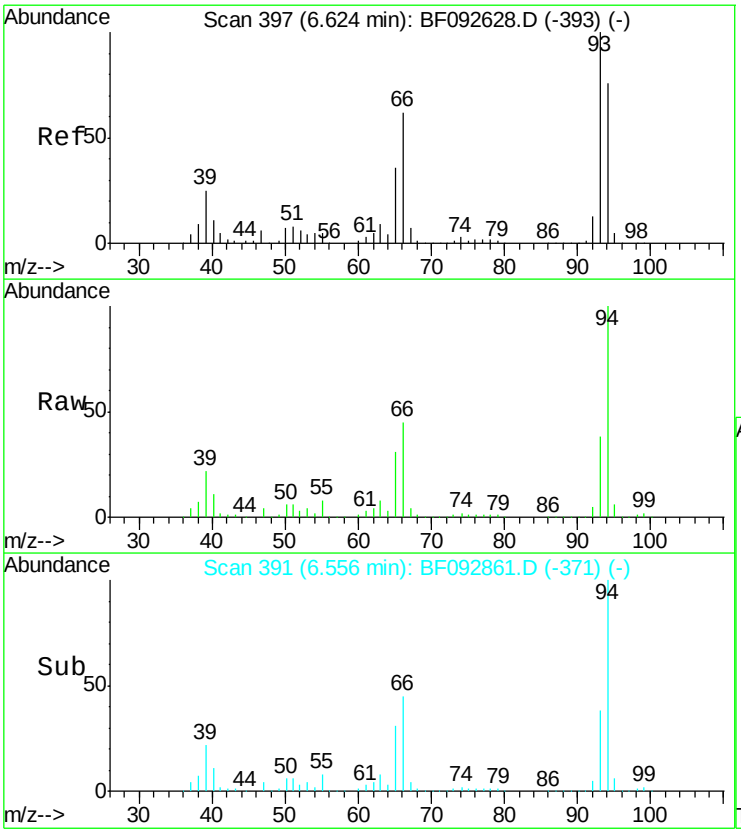

#9
Benzaldehyde
Concen:  21.35 ng
RT: 6.44 min  Scan# 381
Delta R.T.  -0.07 min
Lab File:  BF092861.D
Acq:  8 Feb 2017  18:57

**Instrument :**
BNA_F
**ClientSampleId :**
PB96817BS

Tgt Ion: 77 Resp:  159594

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 101.7 | 83.9 | 123.9 |
| 106 | 96.6 | 77.6 | 117.6 |

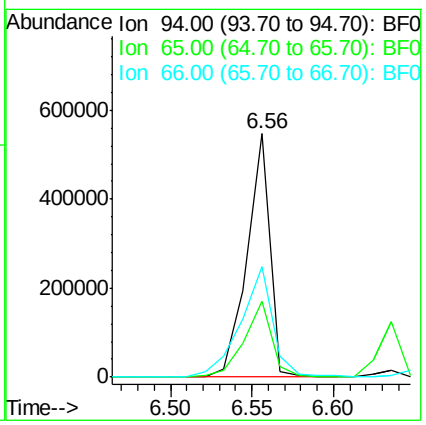


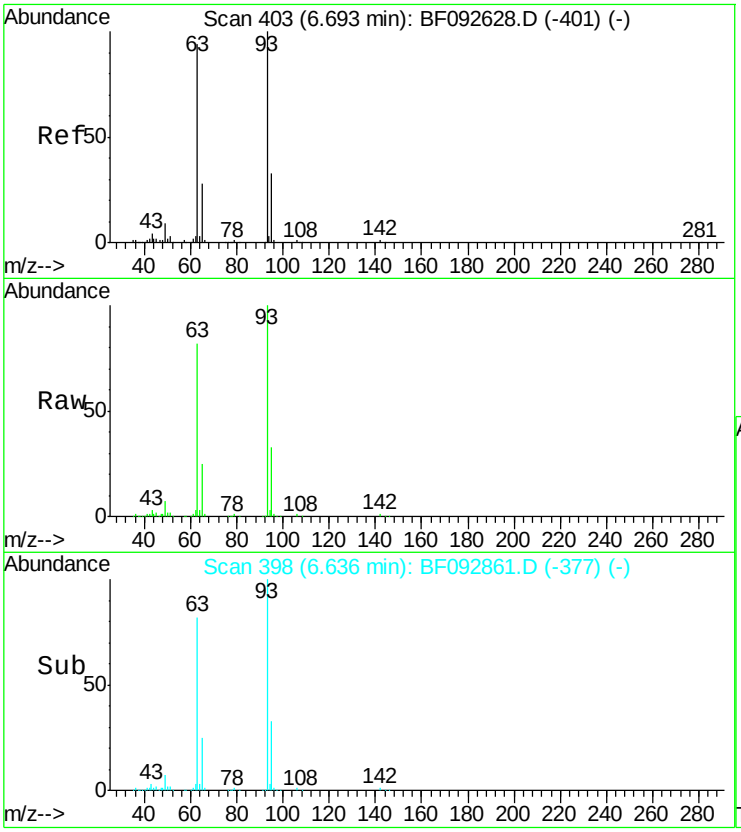




#10
Phenol
Concen:  43.71 ng
RT: 6.56 min  Scan# 391
Delta R.T.  -0.07 min
Lab File:  BF092861.D
Acq:  8 Feb 2017  18:57

Tgt Ion: 94 Resp:  533649

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 31.2 | 21.4 | 61.4 |
| 66 | 45.4 | 44.0 | 84.0 |



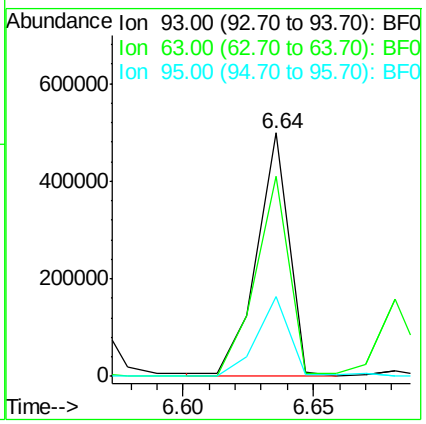


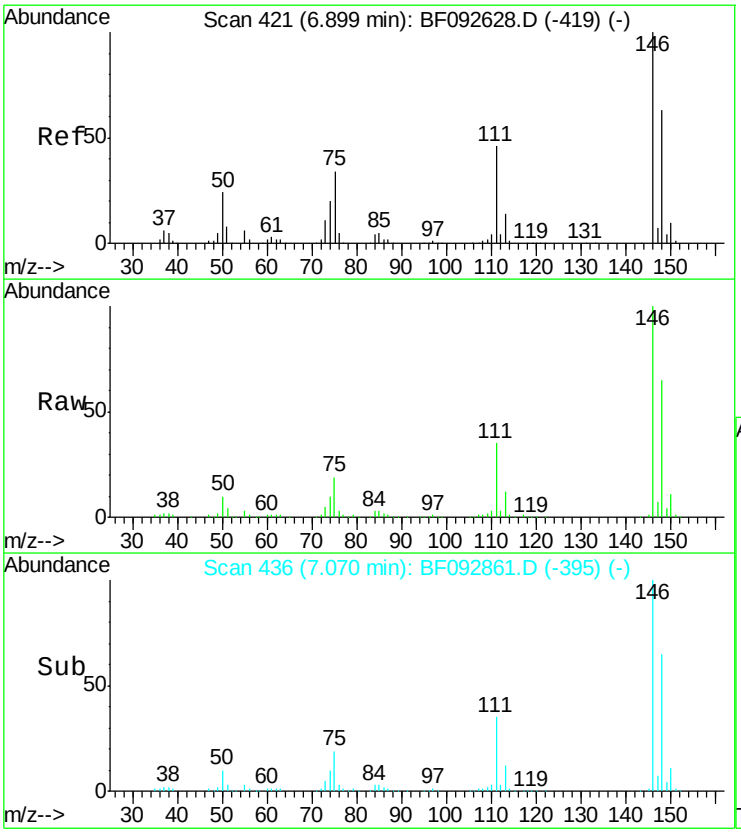

#11
bis(2-Chloroethyl)ether
Concen: 44.41 ng
RT: 6.64 min Scan# 398
Delta R.T. -0.06 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

**Instrument :**
BNA_F
**ClientSampleId :**
PB96817BS

Tgt Ion: 93 Resp: 432753

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 82.3 | 60.4 | 100.4 |
| 95 | 32.6 | 12.8 | 52.8 |

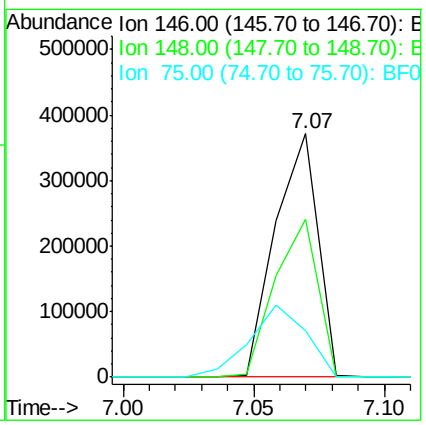


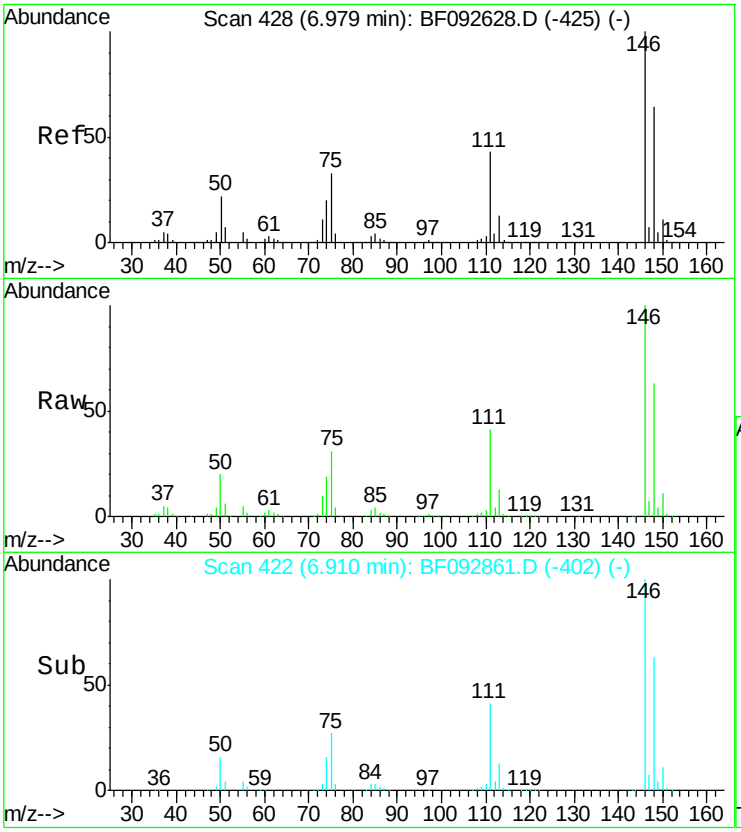




#12
1,3-Dichlorobenzene
Concen: 40.35 ng
RT: 7.07 min Scan# 436
Delta R.T. 0.17 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

Tgt Ion:146 Resp: 422814

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.8 | 53.4 | 80.0 |
| 75 | 19.1 | 18.5 | 27.7 |



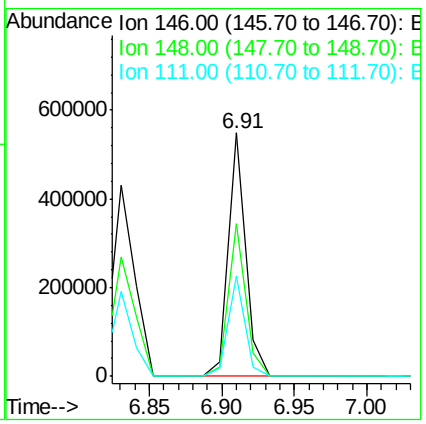


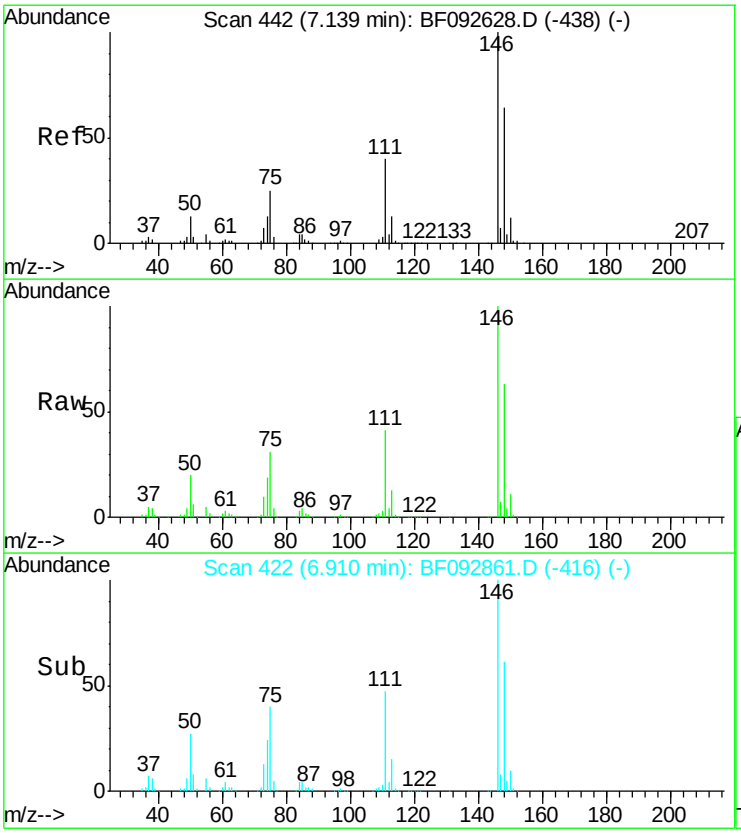

#13
1,4-Dichlorobenzene
Concen: 43.03 ng
RT: 6.91 min Scan# 422
Delta R.T. -0.07 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

**Instrument :**
BNA_F
**ClientSampleId :**
PB96817BS

Tgt Ion:146 Resp: 456392

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 62.5 | 50.6 | 76.0 |
| 111 | 41.3 | 36.2 | 54.4 |

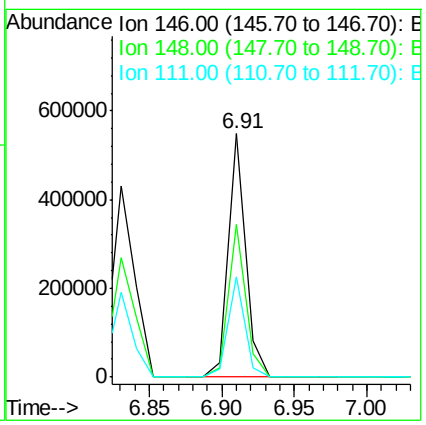


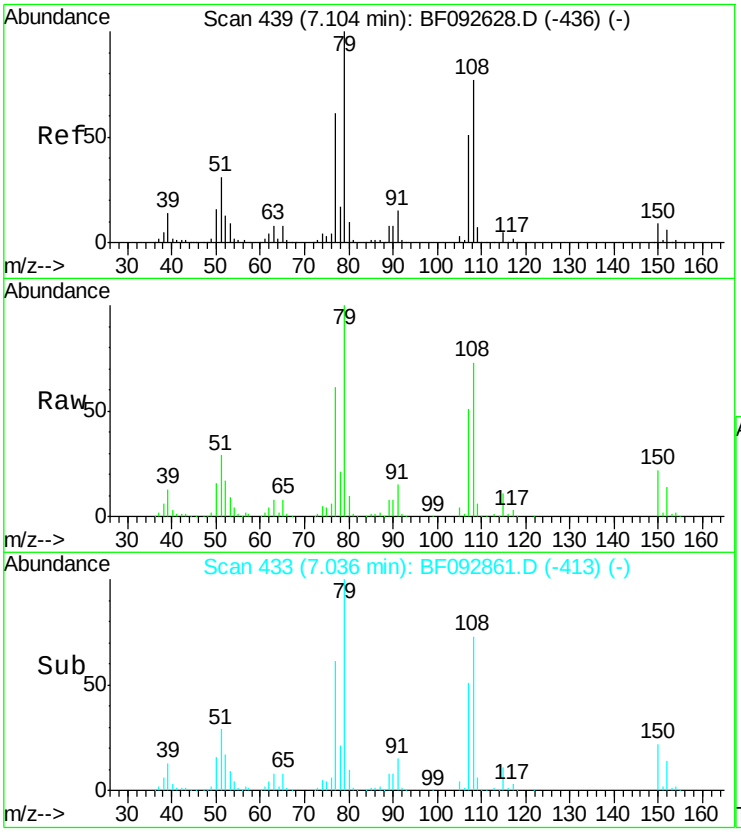




#14
1,2-Dichlorobenzene
Concen: 45.00 ng
RT: 6.91 min Scan# 422
Delta R.T. -0.23 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

Tgt Ion:146 Resp: 456392

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 62.5 | 52.2 | 78.2 |
| 111 | 41.3 | 36.2 | 54.2 |



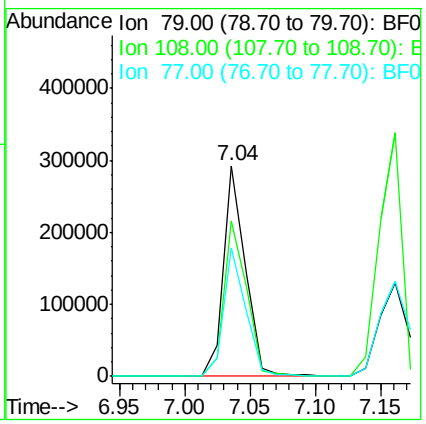


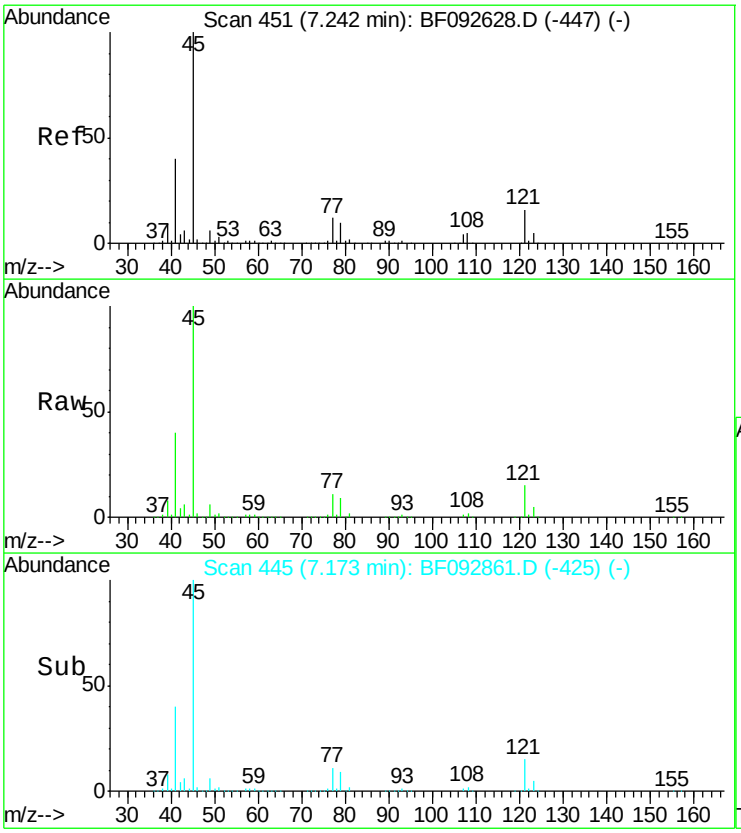

#15
Benzyl Alcohol
Concen: 44.08 ng
RT: 7.04 min Scan# 433
Delta R.T. -0.07 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

**Instrument :**
BNA_F
**ClientSampleId :**
PB96817BS

Tgt Ion: 79 Resp: 340556

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 73.5 | 61.4 | 92.0 |
| 77 | 60.7 | 50.9 | 76.3 |

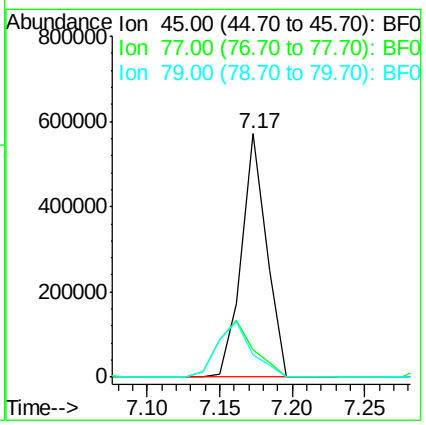


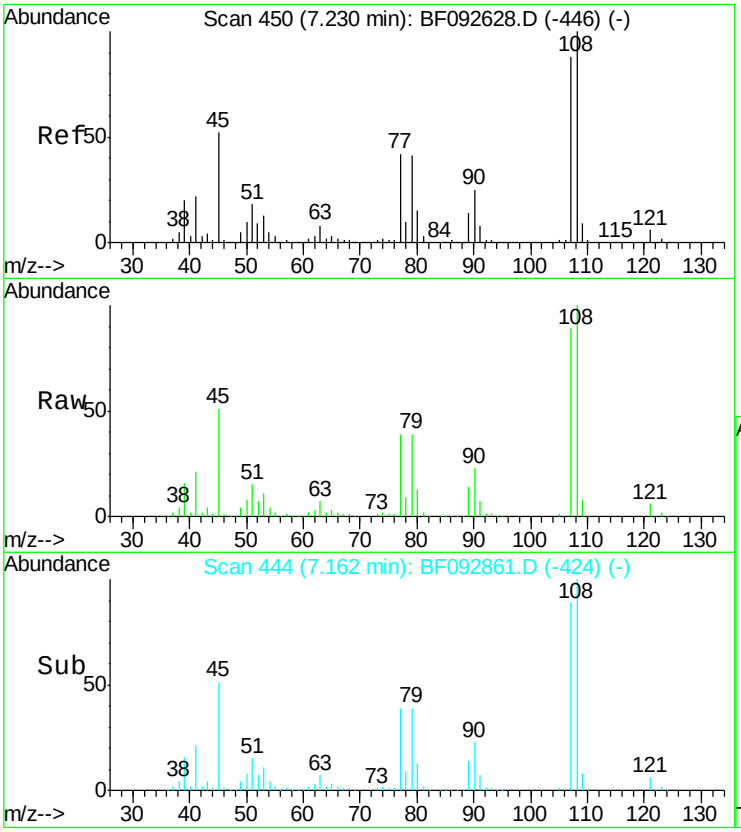




#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.49 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.07 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

Tgt Ion: 45 Resp: 685471

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 11.2 | 0.0 | 34.6 |
| 79 | 9.3 | 0.0 | 31.2 |



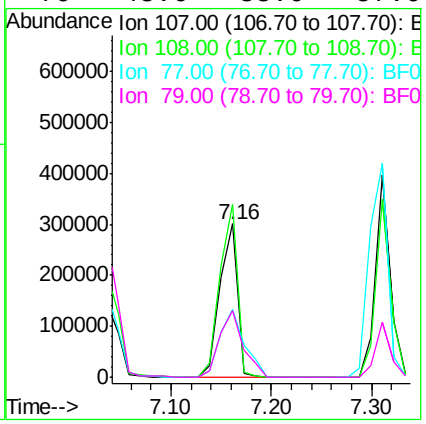


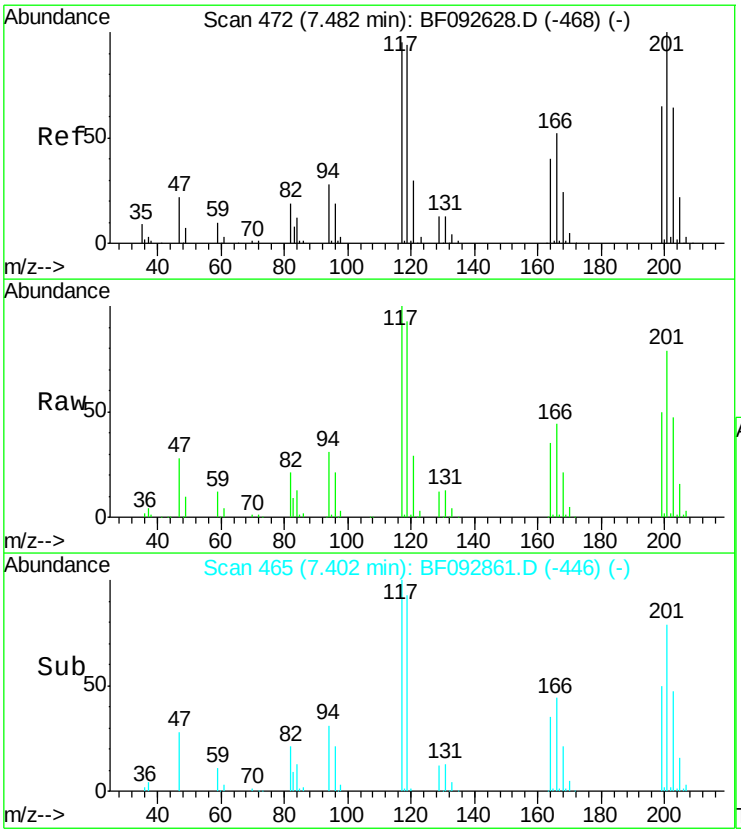

#17
2-Methylphenol
Concen: 47.64 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.07 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

**Instrument :**
BNA_F
**ClientSampleId :**
PB96817BS

Tgt Ion:107 Resp: 365697

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 112.6 | 93.0 | 139.6 |
| 77 | 44.2 | 39.8 | 59.8 |
| 79 | 43.6 | 38.0 | 57.0 |

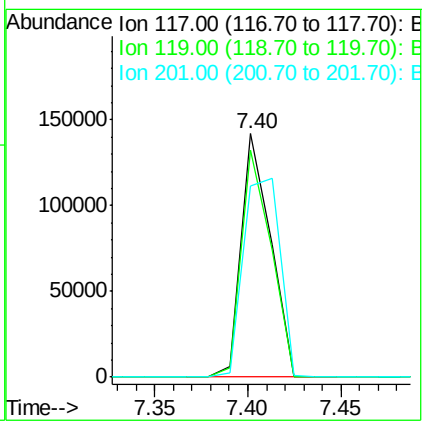


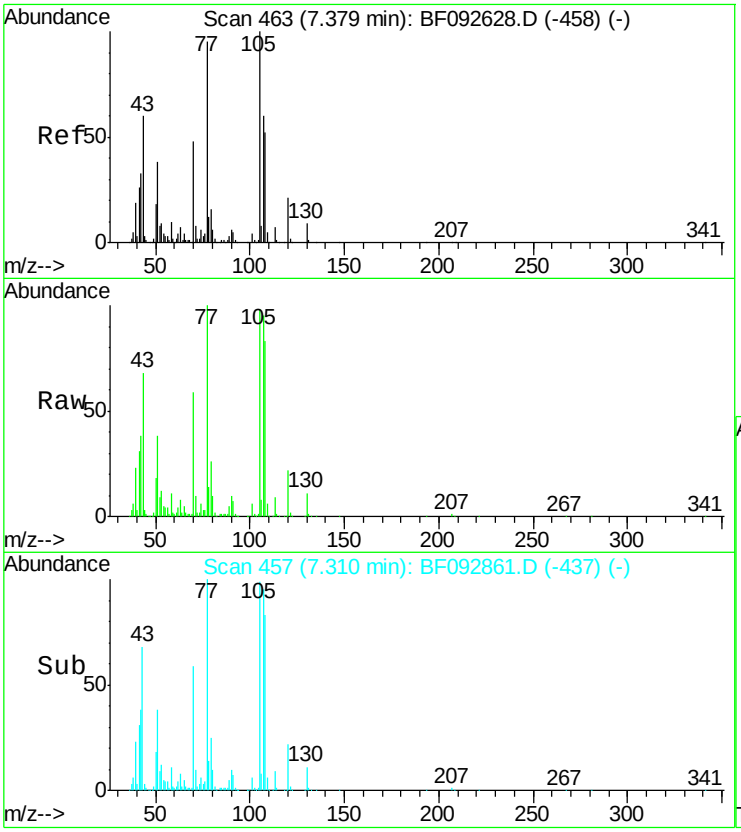




#18
Hexachloroethane
Concen: 42.75 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.08 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

Tgt Ion:117 Resp: 154792

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 93.0 | 78.1 | 117.1 |
| 201 | 78.6 | 78.6 | 117.8 |



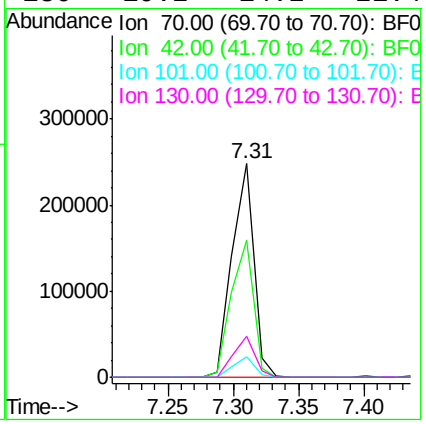


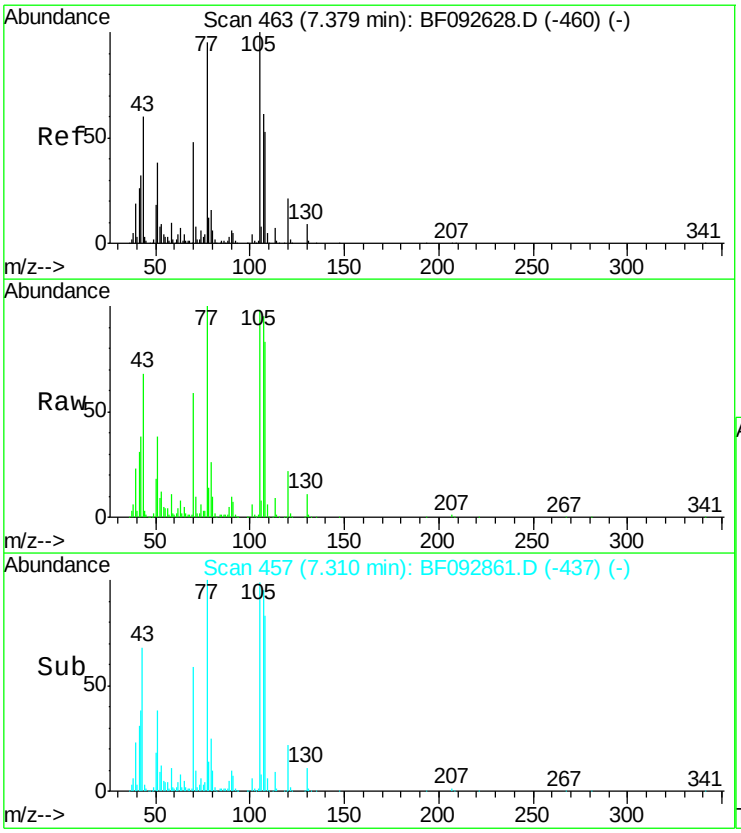

#19
n-Nitroso-di-n-propylamine
Concen: 43.02 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.07 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

**Instrument :**
BNA_F
**ClientSampleId :**
PB96817BS

Tgt Ion: 70 Resp: 285780

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 64.1 | 49.4 | 74.0 |
| 101 | 9.6 | 7.4 | 11.2 |
| 130 | 19.2 | 14.2 | 21.4 |

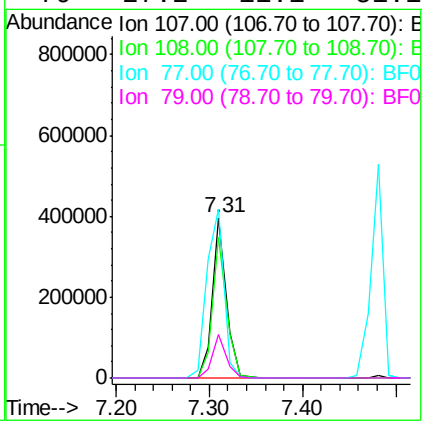


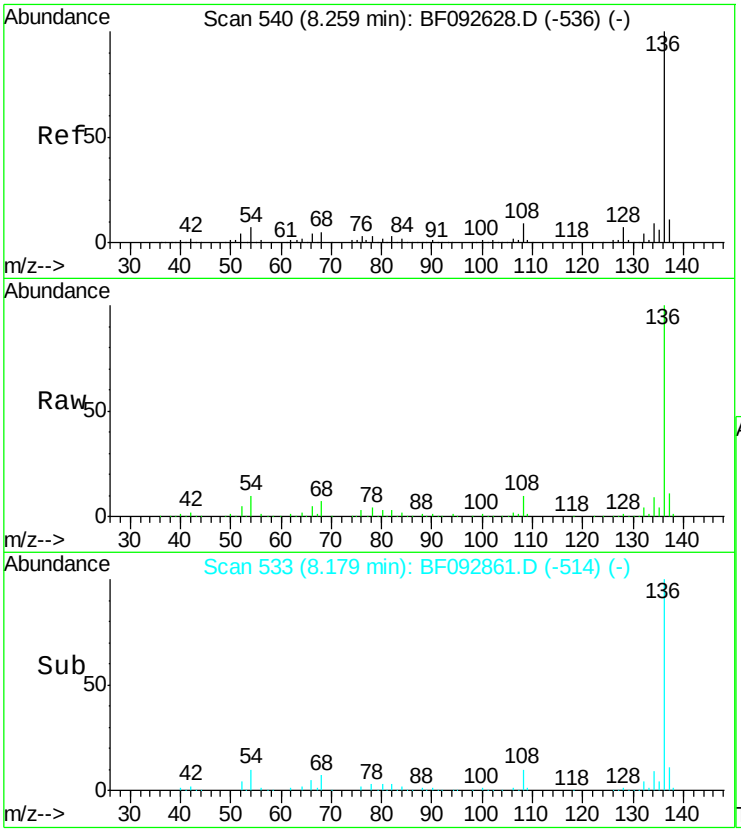




#20
3+4-Methylphenols
Concen: 44.64 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.07 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

Tgt Ion:107 Resp: 409655

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 87.8 | 73.0 | 113.0 |
| 77 | 105.4 | 71.3 | 111.3 |
| 79 | 27.2 | 11.1 | 51.1 |



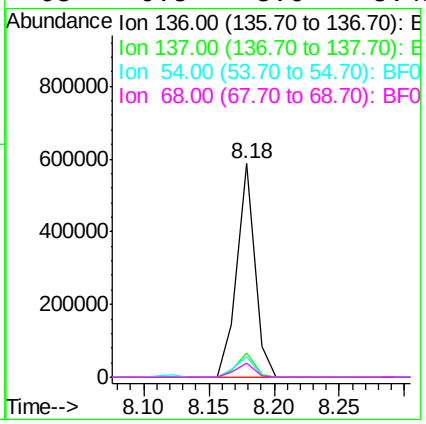


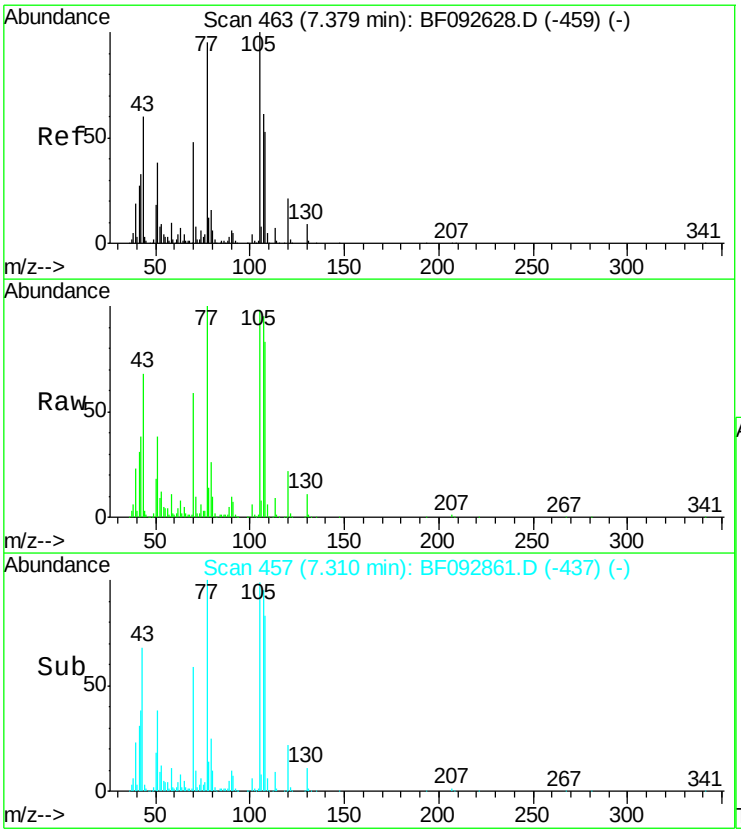

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.08 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

**Instrument :**
BNA_F
**ClientSampleId :**
PB96817BS

Tgt Ion:136 Resp: 563119

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.3 | 8.4 | 12.6 |
| 54 | 9.8 | 4.5 | 6.7# |
| 68 | 6.5 | 3.6 | 5.4# |

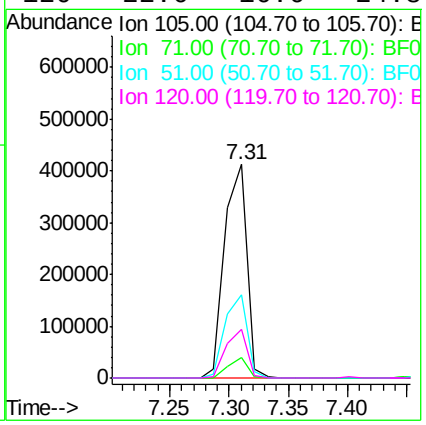


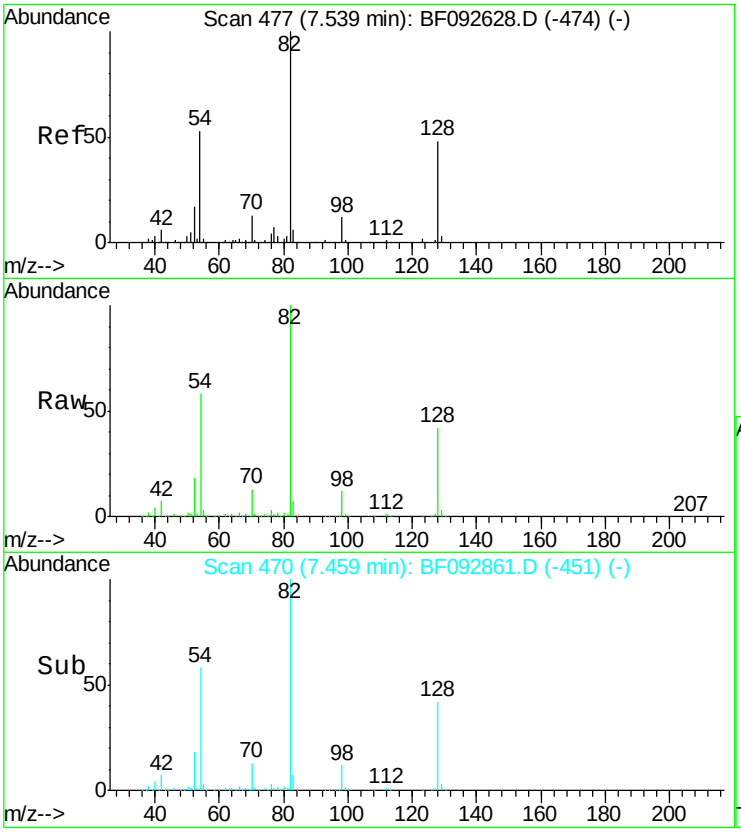




#22
Acetophenone
Concen: 41.69 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.07 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

Tgt Ion:105 Resp: 536007

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 9.7 | 3.2 | 4.8# |
| 51 | 39.1 | 26.2 | 39.4 |
| 120 | 22.6 | 16.6 | 24.8 |



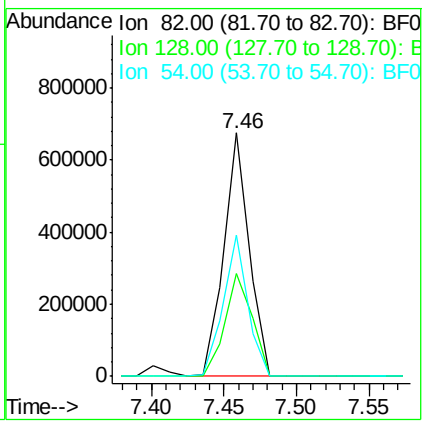


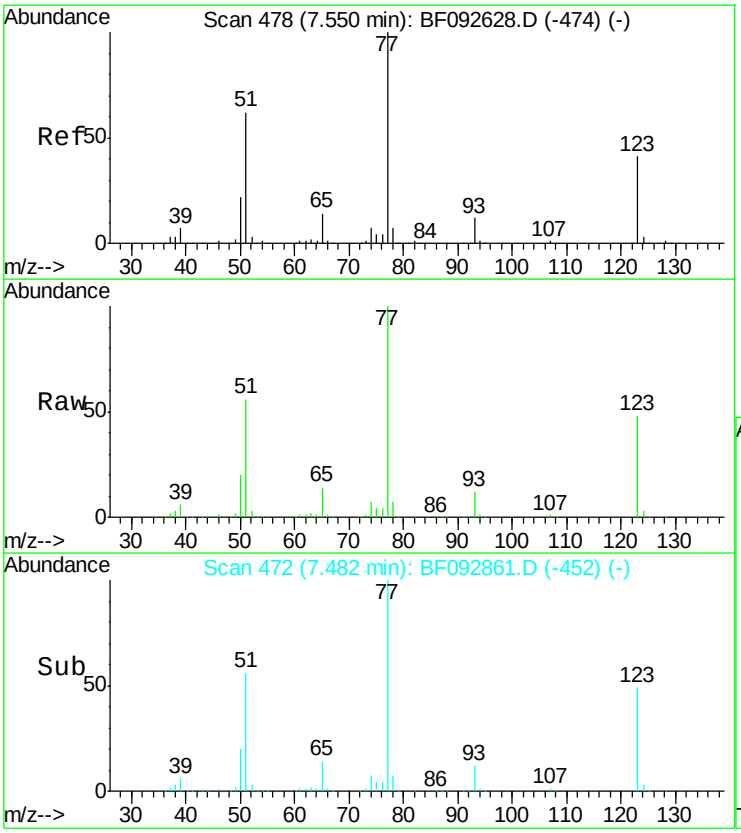

#23
Nitrobenzene-d5
Concen: 81.09 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.08 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

**Instrument :**
BNA_F
**ClientSampleId :**
PB96817BS

Tgt Ion: 82 Resp: 819974

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 42.4 | 34.6 | 52.0 |
| 54 | 58.2 | 39.5 | 59.3 |

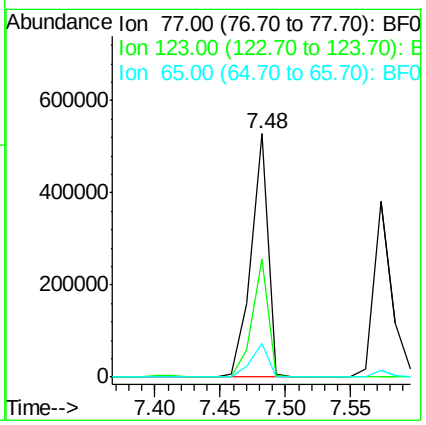


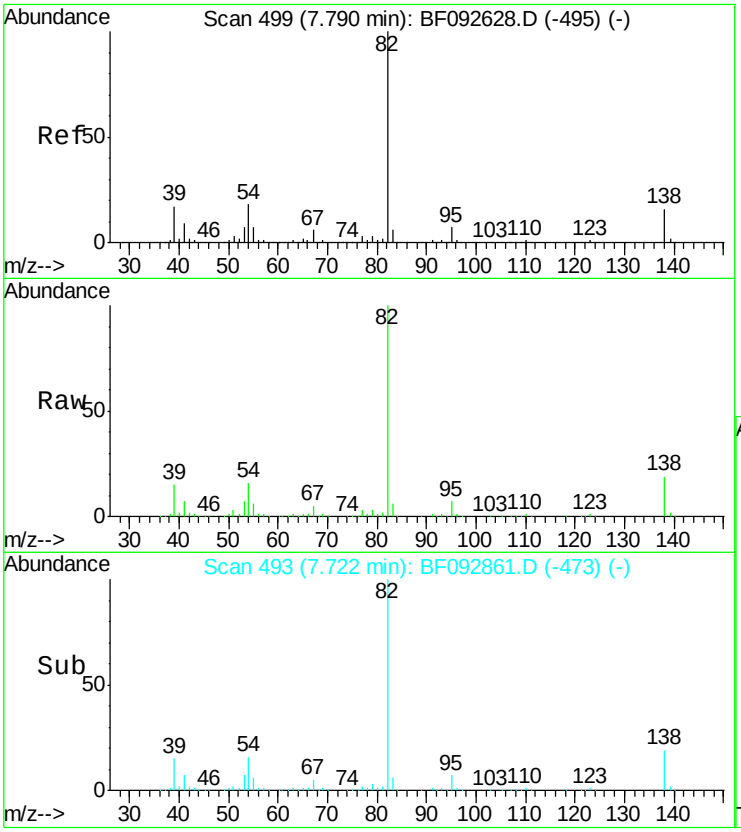




#24
Nitrobenzene
Concen: 46.50 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.07 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

Tgt Ion: 77 Resp: 482822

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 48.5 | 33.0 | 49.4 |
| 65 | 13.6 | 11.2 | 16.8 |



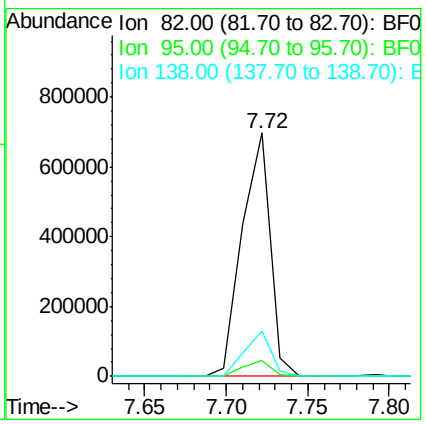


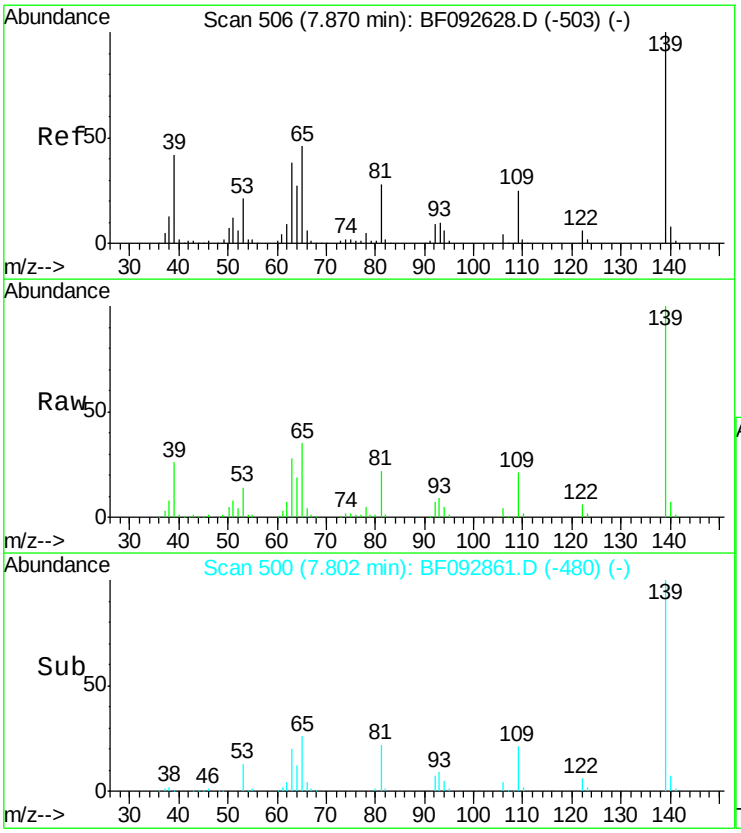

#25
Isophorone
Concen: 44.23 ng
RT: 7.72 min Scan# 493
Delta R.T. -0.07 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

**Instrument :**
BNA_F
**ClientSampleId :**
PB96817BS

Tgt Ion: 82 Resp: 833501

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 6.5 | 5.6 | 8.4 |
| 138 | 18.6 | 14.6 | 22.0 |

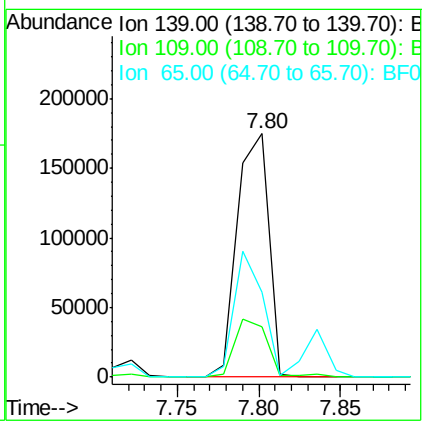


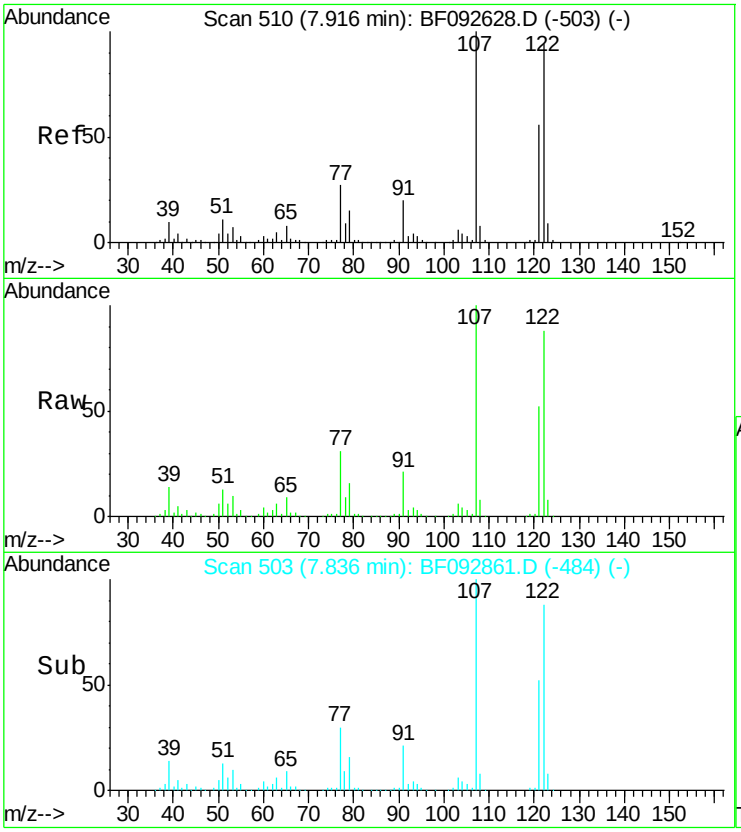




#26
2-Nitrophenol
Concen: 47.31 ng
RT: 7.80 min Scan# 500
Delta R.T. -0.07 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

Tgt Ion:139 Resp: 233505

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 20.9 | 23.3 | 34.9# |
| 65 | 34.6 | 42.7 | 64.1# |



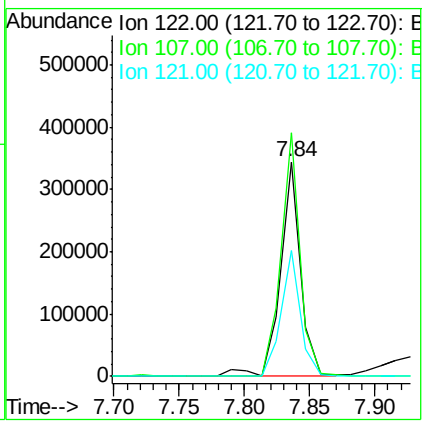


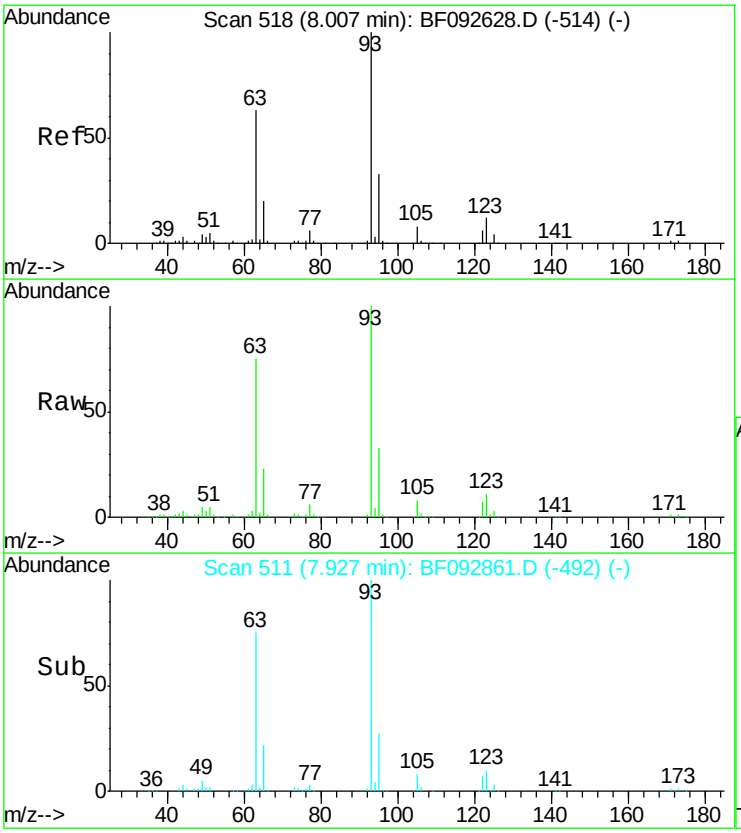

#27
2,4-Dimethylphenol
Concen: 43.07 ng
RT: 7.84 min Scan# 503
Delta R.T. -0.08 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

**Instrument :**
BNA_F
**ClientSampleId :**
PB96817BS

Tgt Ion:122 Resp: 373328

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 113.6 | 94.1 | 141.1 |
| 121 | 58.7 | 46.0 | 69.0 |

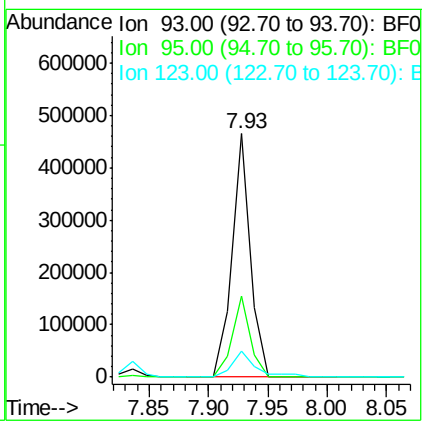


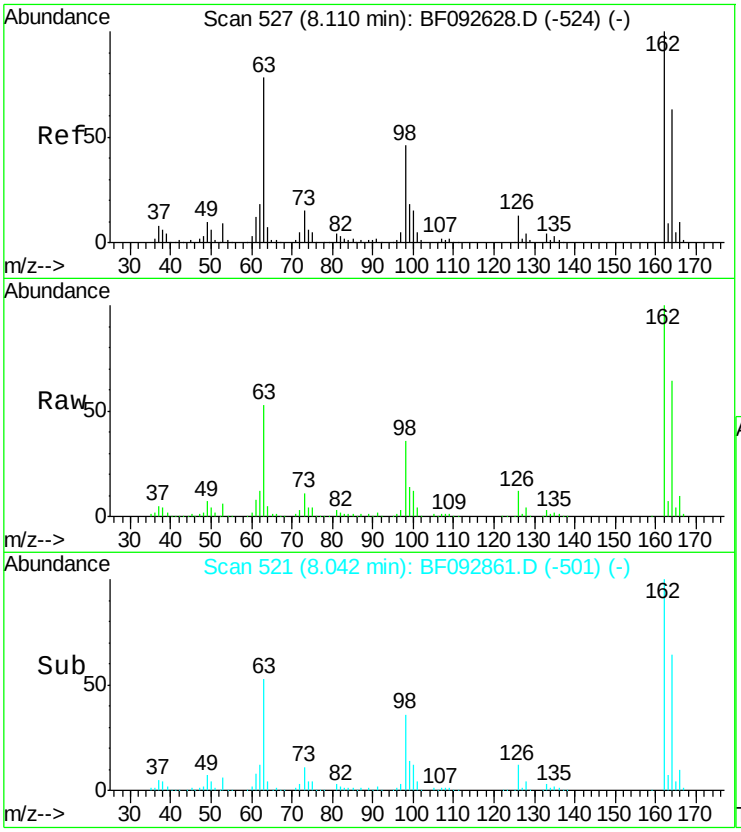




#28
bis(2-Chloroethoxy)methane
Concen: 39.95 ng
RT: 7.93 min Scan# 511
Delta R.T. -0.08 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

Tgt Ion: 93 Resp: 498566

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 33.1 | 26.5 | 39.7 |
| 123 | 10.8 | 8.6 | 13.0 |



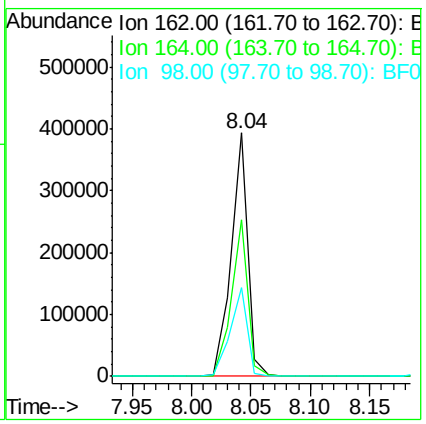


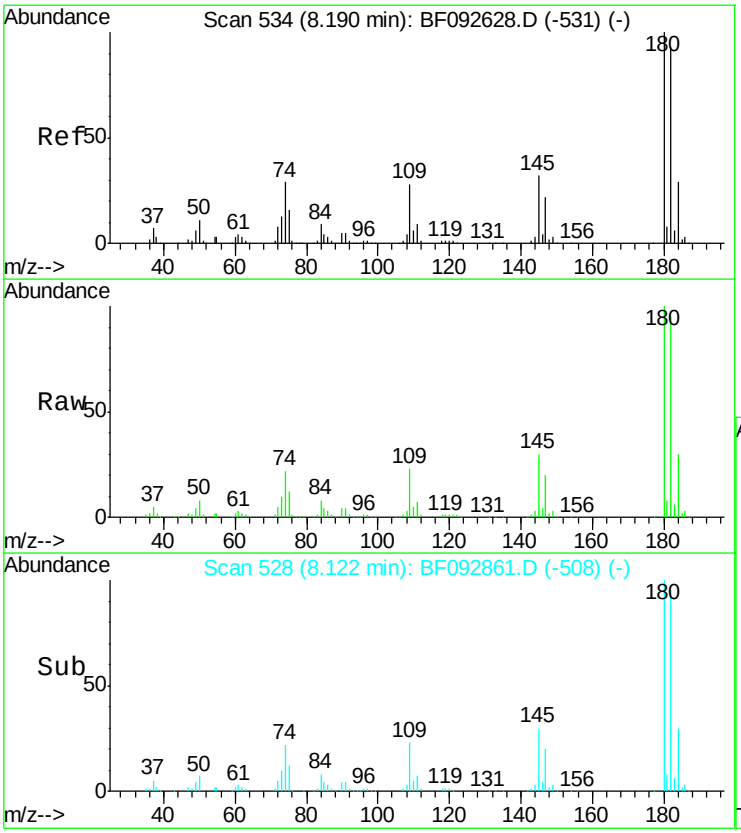

#29
2,4-Dichlorophenol
Concen: 47.01 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.07 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

**Instrument :**
BNA_F
**ClientSampleId :**
PB96817BS

Tgt Ion:162 Resp: 380088

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 64.2 | 46.8 | 86.8 |
| 98 | 36.2 | 9.1 | 49.1 |

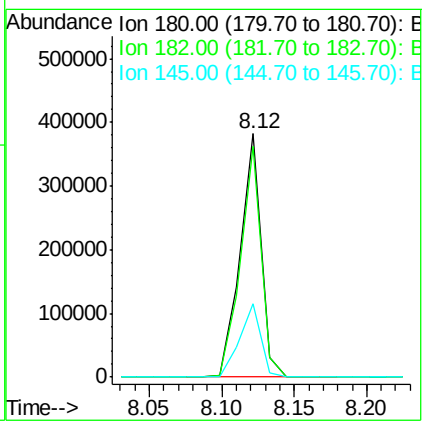


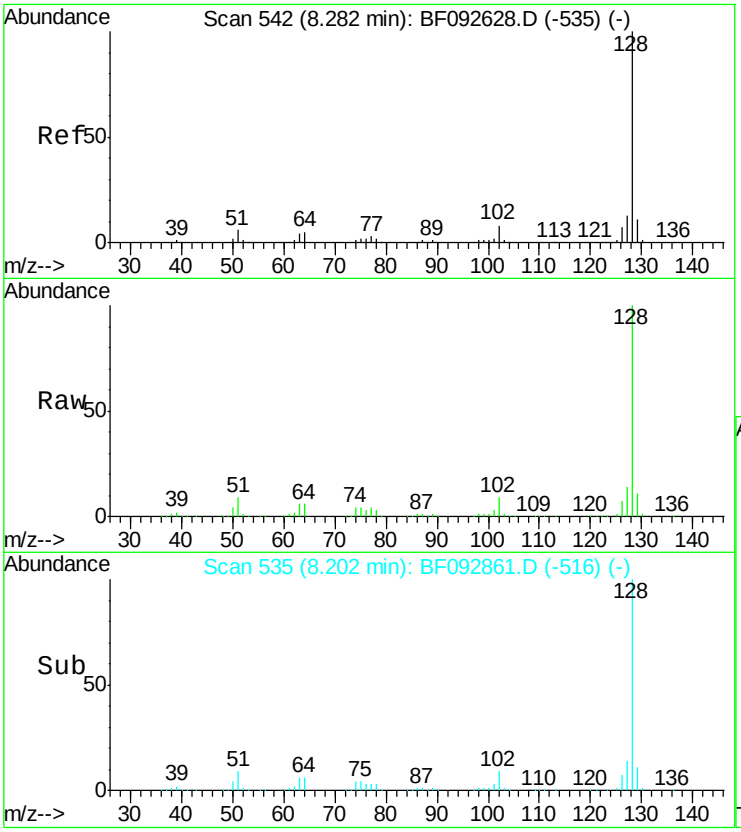




#30
1,2,4-Trichlorobenzene
Concen: 44.05 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.07 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

Tgt Ion:180 Resp: 383785

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.5 | 78.2 | 117.4 |
| 145 | 30.1 | 21.6 | 32.4 |



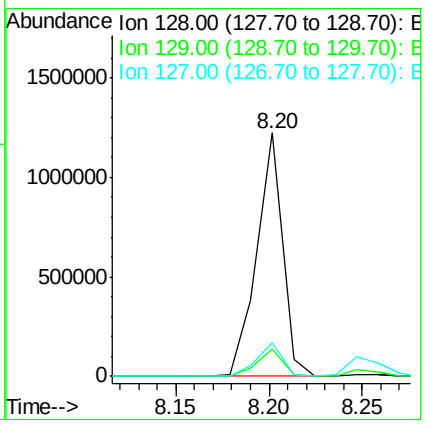


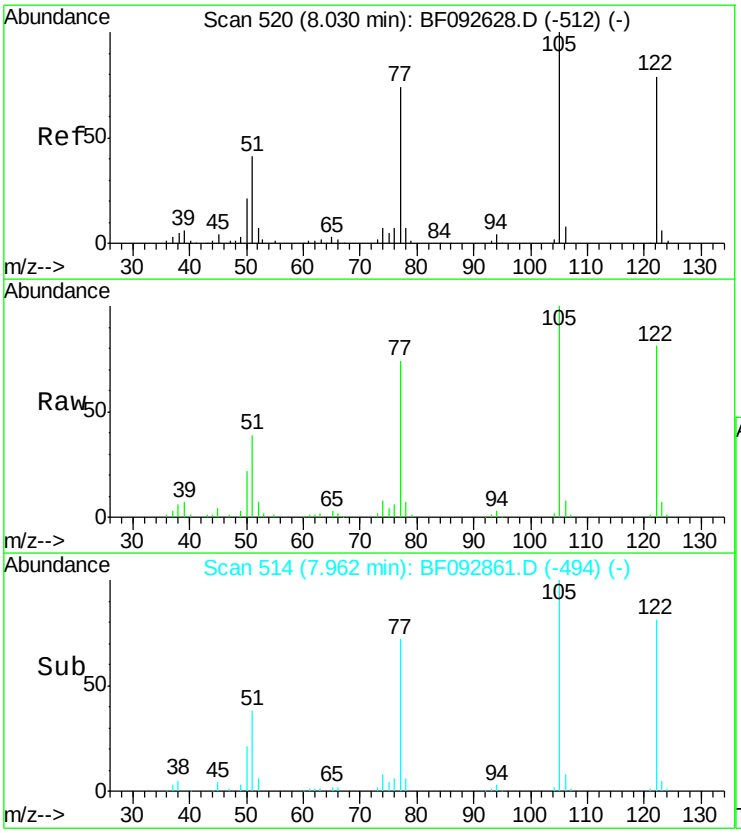

#31
Naphthalene
Concen: 40.98 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.08 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

**Instrument :**
BNA_F
**ClientSampleId :**
PB96817BS

Tgt Ion:128 Resp: 1169870

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.1 | 9.5 | 14.3 |
| 127 | 13.6 | 10.8 | 16.2 |

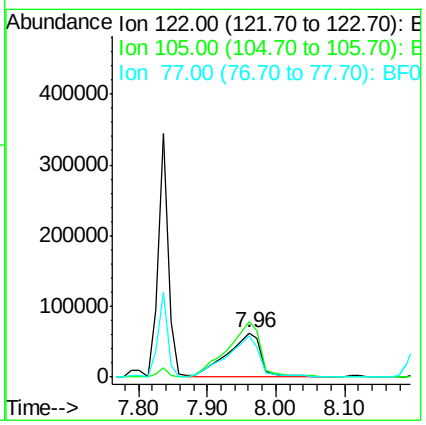


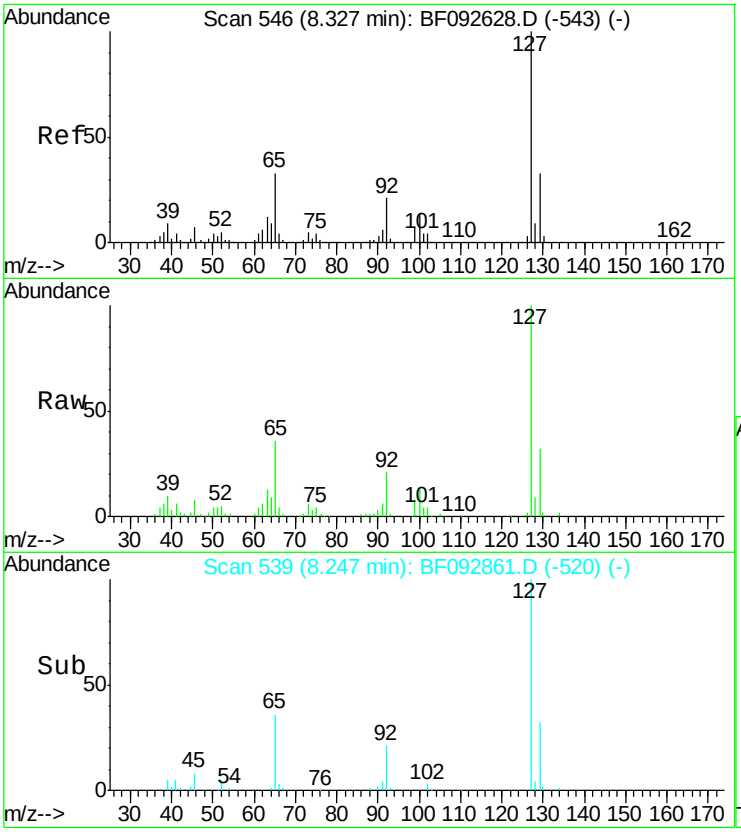




#32
Benzoic acid
Concen: 44.16 ng
RT: 7.96 min Scan# 514
Delta R.T. -0.07 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

Tgt Ion:122 Resp: 213601

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 124.2 | 107.2 | 147.2 |
| 77 | 91.9 | 74.5 | 114.5 |



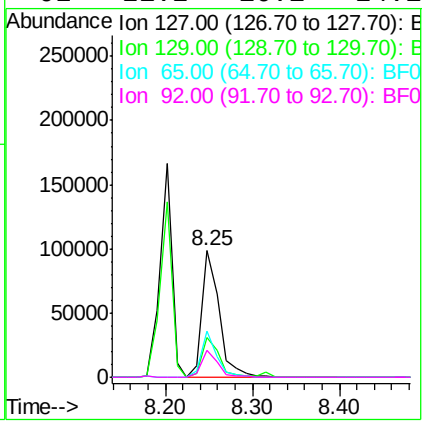


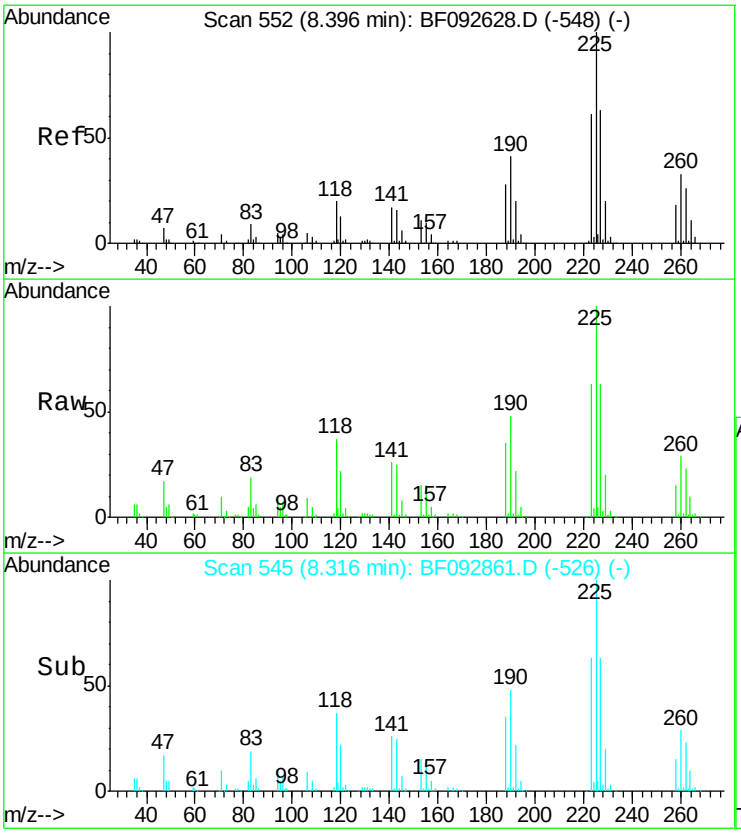

#33
4-Chloroaniline
Concen: 12.18 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.08 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

**Instrument :**
BNA_F
**ClientSampleId :**
PB96817BS

Tgt Ion:127 Resp: 136340

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 31.9 | 26.3 | 39.5 |
| 65 | 36.1 | 25.8 | 38.8 |
| 92 | 21.2 | 16.1 | 24.1 |

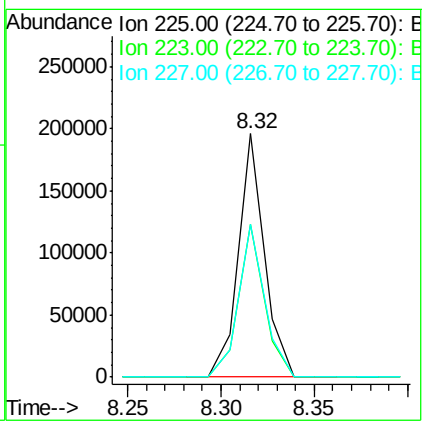


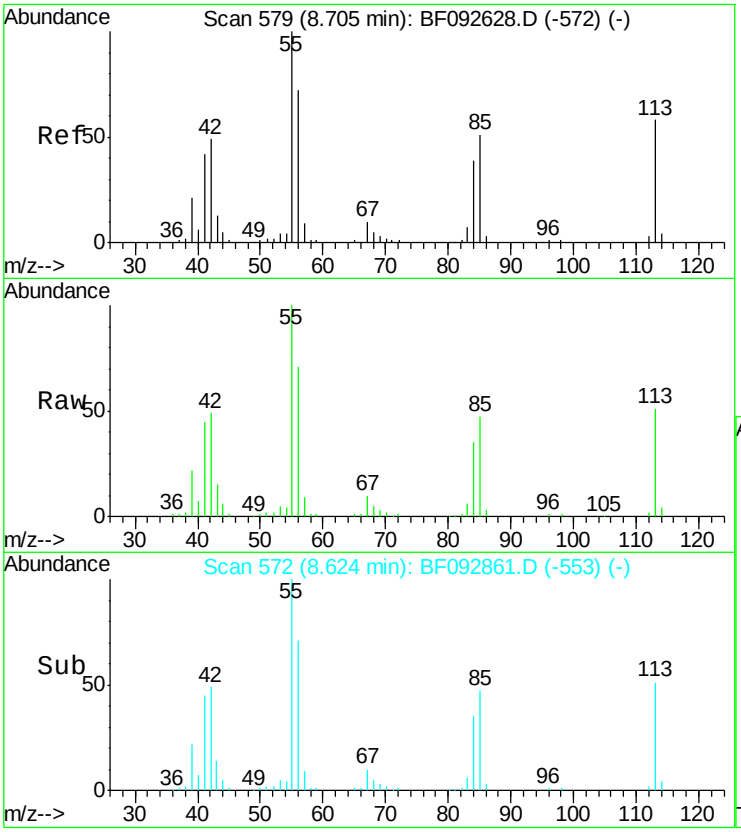




#34
Hexachlorobutadiene
Concen: 39.66 ng
RT: 8.32 min Scan# 545
Delta R.T. -0.08 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

Tgt Ion:225 Resp: 190110

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.5 | 51.0 | 76.6 |
| 227 | 62.8 | 50.6 | 76.0 |



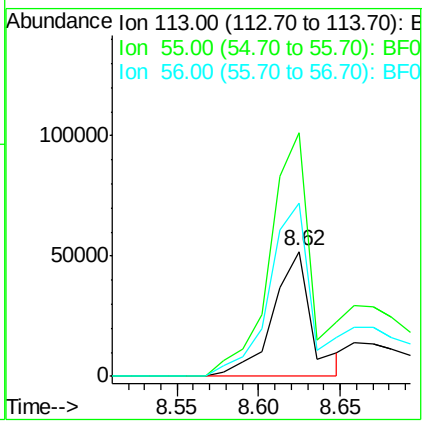


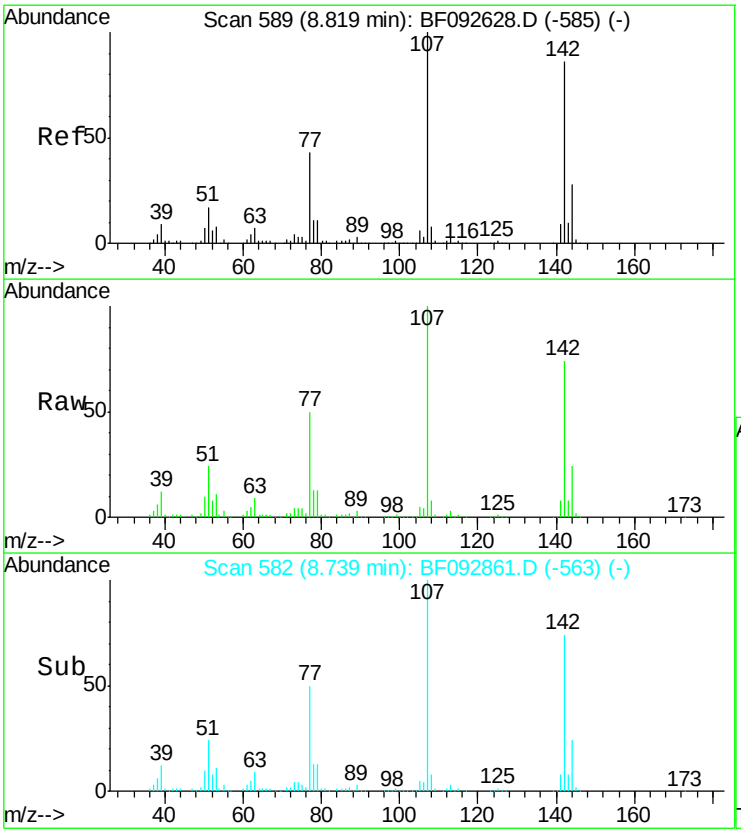

#35
Caprolactam
Concen: 33.46 ng
RT: 8.62 min Scan# 572
Delta R.T. -0.08 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

**Instrument :**
BNA_F
**ClientSampleId :**
PB96817BS

Tgt Ion:113 Resp: 85090

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 194.8 | 119.2 | 159.2# |
| 56 | 139.1 | 83.8 | 123.8# |

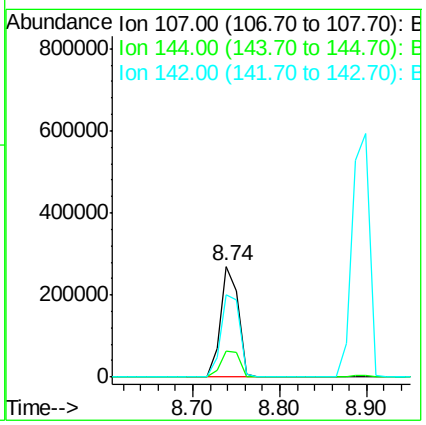


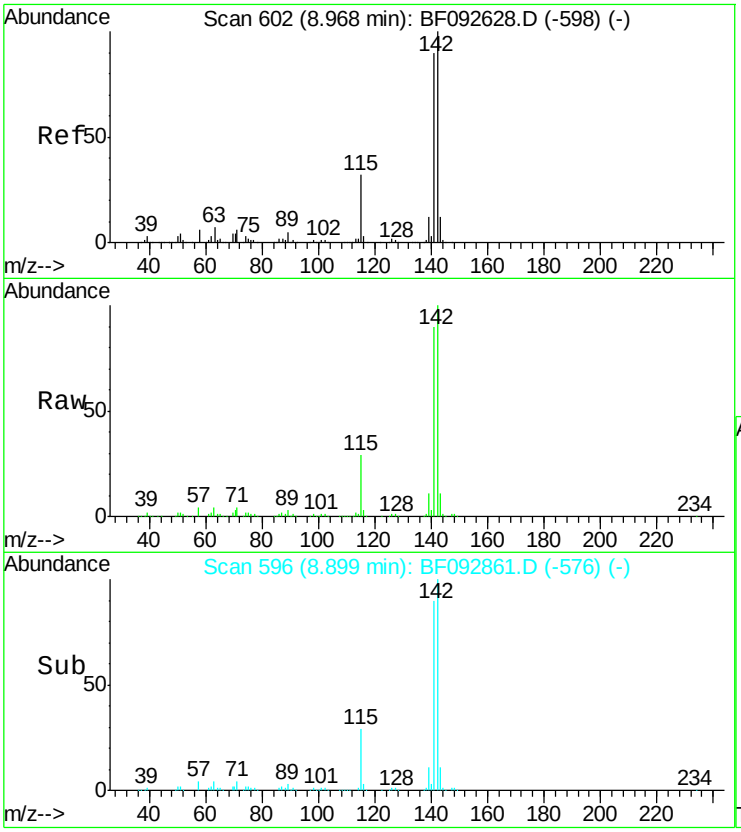




#36
4-Chloro-3-methylphenol
Concen: 45.74 ng
RT: 8.74 min Scan# 582
Delta R.T. -0.08 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

Tgt Ion:107 Resp: 385531

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 23.9 | 19.3 | 28.9 |
| 142 | 74.2 | 59.0 | 88.6 |



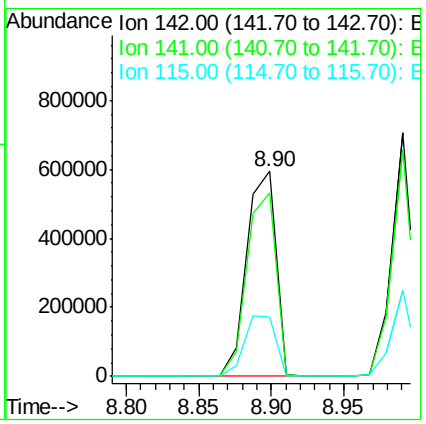


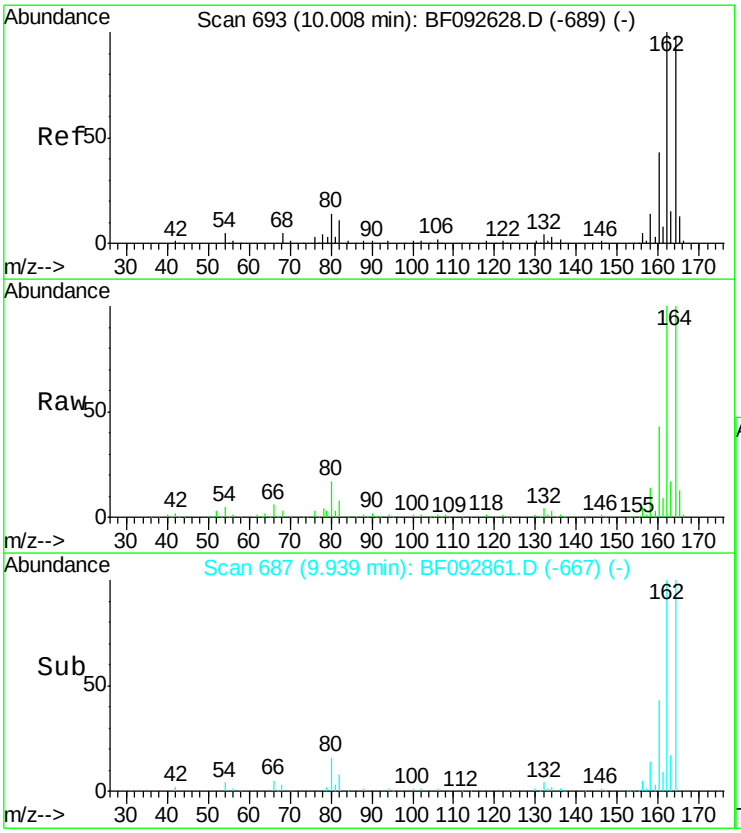

#37
2-Methylnaphthalene
Concen: 45.35 ng
RT: 8.90 min Scan# 596
Delta R.T. -0.07 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

**Instrument :**
BNA_F
**ClientSampleId :**
PB96817BS

Tgt Ion:142 Resp: 831141

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.5 | 71.0 | 106.6 |
| 115 | 29.0 | 28.3 | 42.5 |

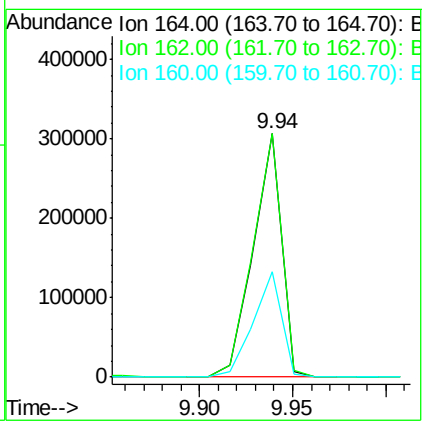


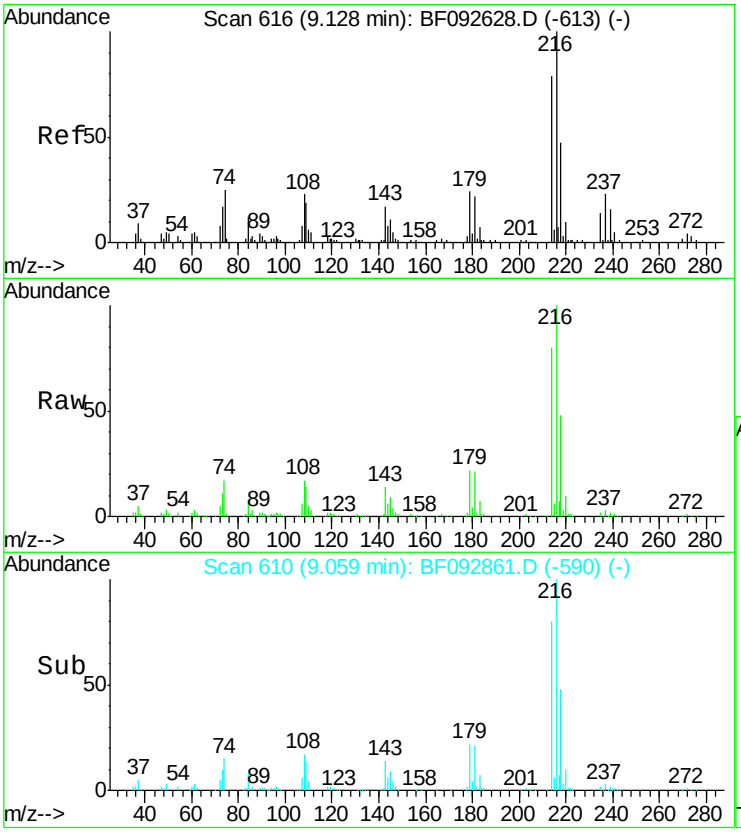




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.07 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

Tgt Ion:164 Resp: 322205

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.0 | 80.2 | 120.2 |
| 160 | 43.5 | 36.9 | 55.3 |



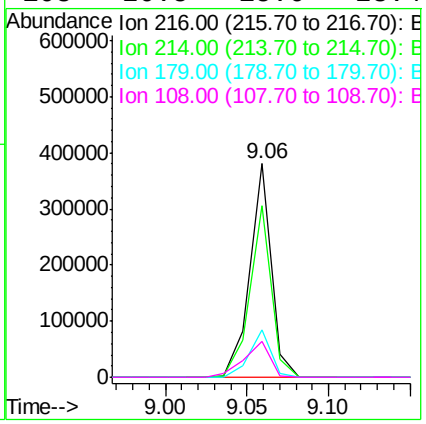


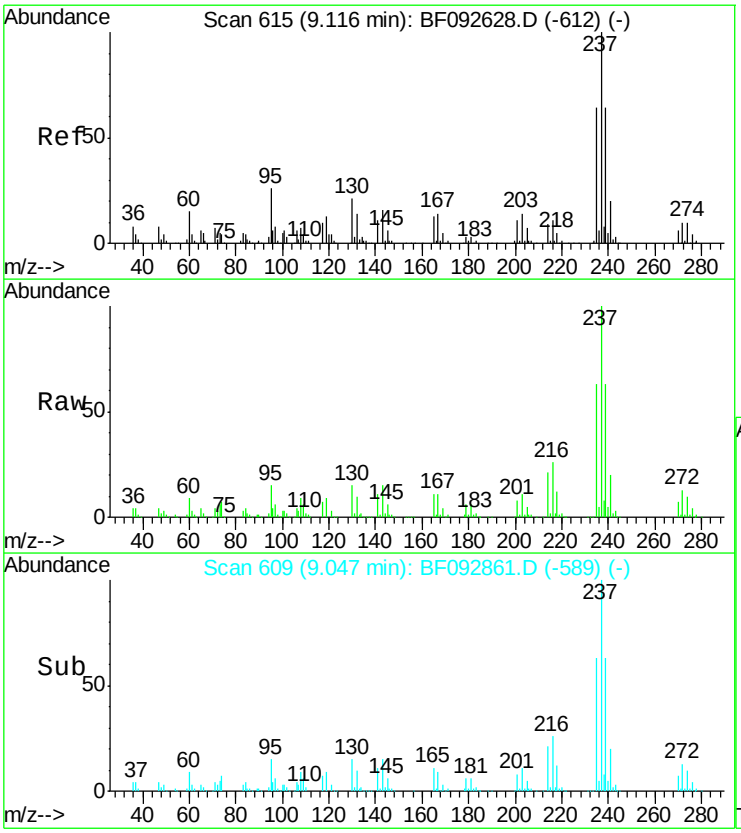

#39
1,2,4,5-Tetrachlorobenzene
Concen: 38.48 ng
RT: 9.06 min Scan# 610
Delta R.T. -0.07 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

**Instrument :**
BNA_F
**ClientSampleId :**
PB96817BS

Tgt Ion:216 Resp: 348052

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 80.5 | 63.4 | 95.0 |
| 179 | 22.0 | 17.4 | 26.2 |
| 108 | 20.5 | 15.6 | 23.4 |

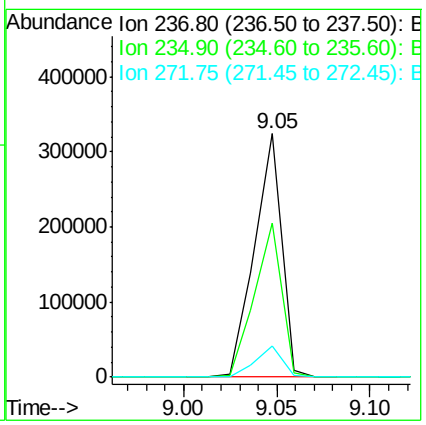


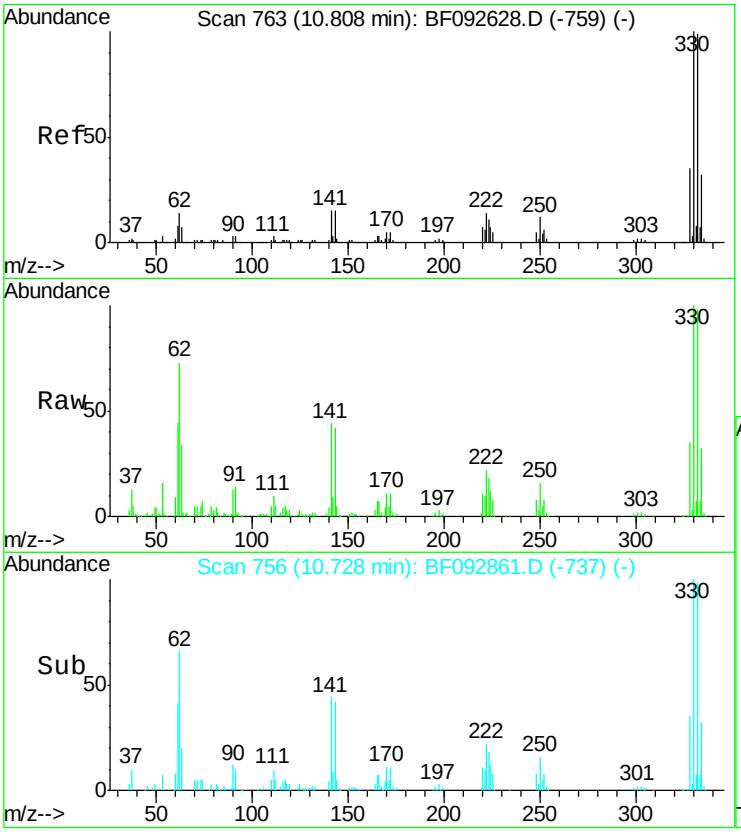




#40
Hexachlorocyclopentadiene
Concen: 80.17 ng
RT: 9.05 min Scan# 609
Delta R.T. -0.07 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

Tgt Ion:237 Resp: 327139

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 63.3 | 41.2 | 81.2 |
| 272 | 12.9 | 0.0 | 35.4 |



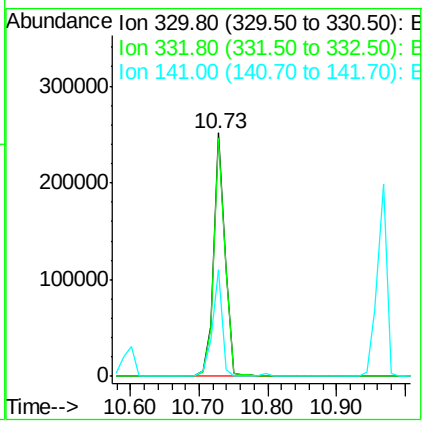


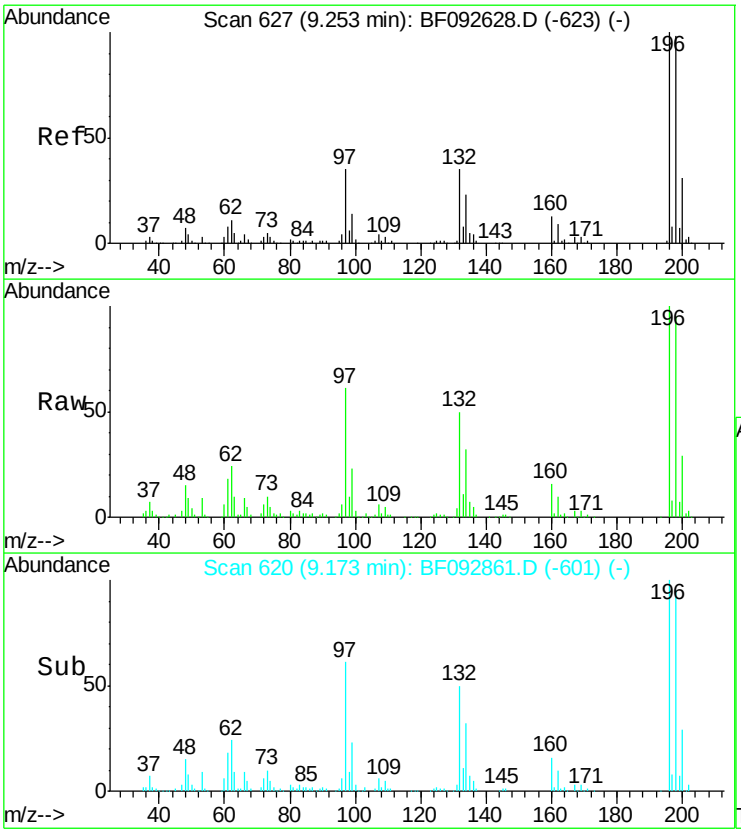

#41
2,4,6-Tribromophenol
Concen: 126.83 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.08 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

**Instrument :**
BNA_F
**ClientSampleId :**
PB96817BS

Tgt Ion:330 Resp: 295560

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.6 | 77.4 | 116.2 |
| 141 | 37.7 | 34.1 | 51.1 |

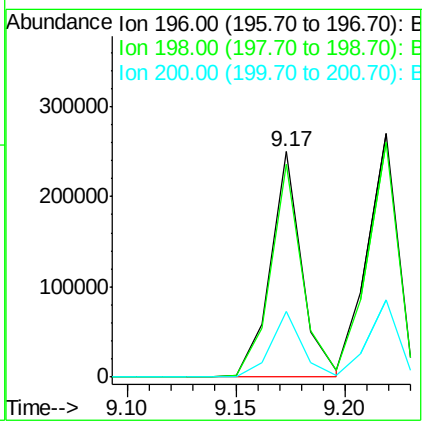


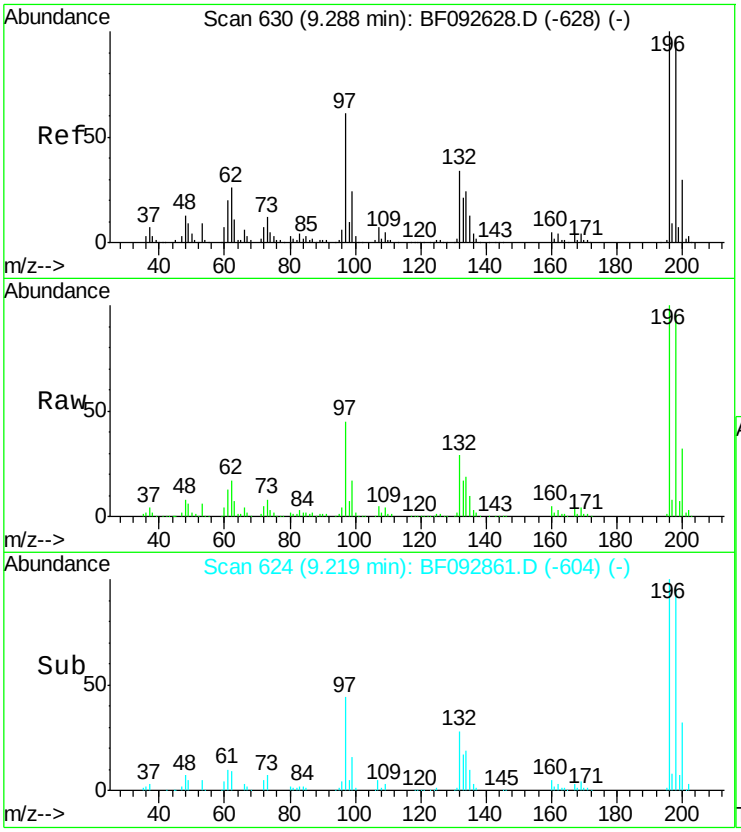




#42
2,4,6-Trichlorophenol
Concen: 42.62 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.08 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

Tgt Ion:196 Resp: 253277

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 94.5 | 82.1 | 123.1 |
| 200 | 29.4 | 27.0 | 40.4 |



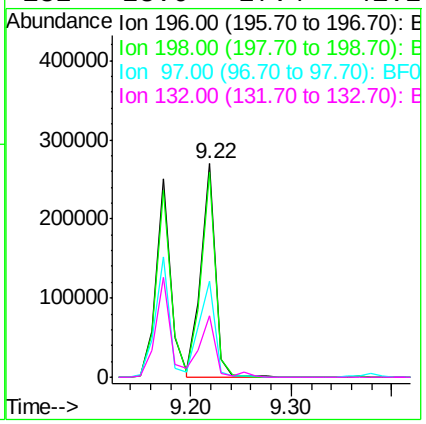


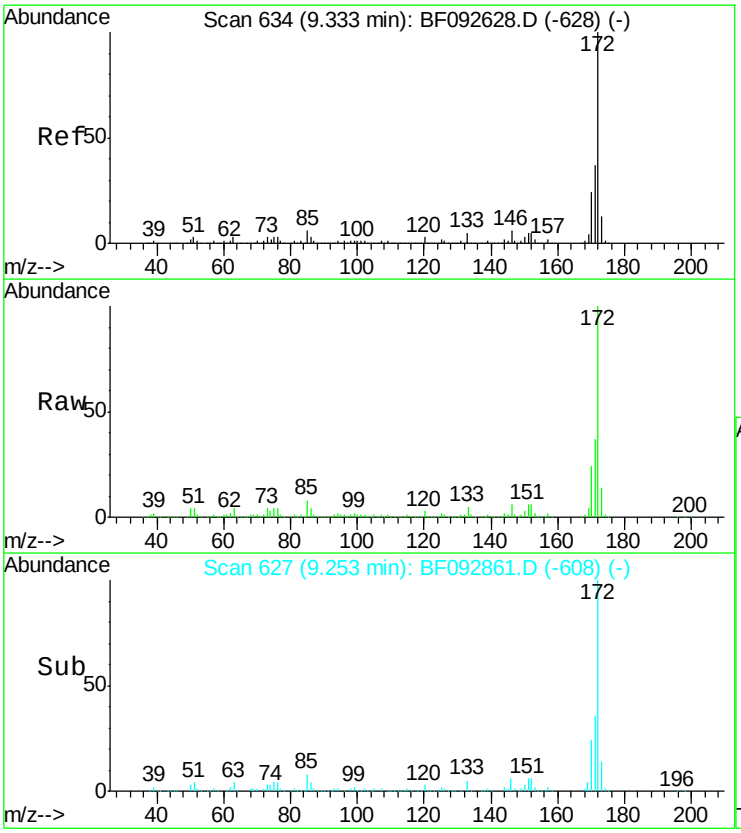

#43
2,4,5-Trichlorophenol
Concen: 41.59 ng
RT: 9.22 min Scan# 624
Delta R.T. -0.07 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

**Instrument :**
BNA_F
**ClientSampleId :**
PB96817BS

Tgt Ion:196 Resp: 270795

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.2 | 79.4 | 119.2 |
| 97 | 44.8 | 51.5 | 77.3# |
| 132 | 28.6 | 27.4 | 41.2 |

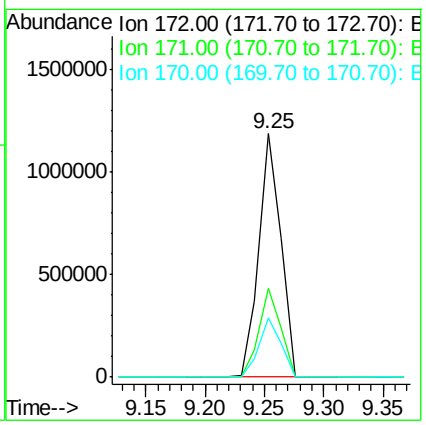


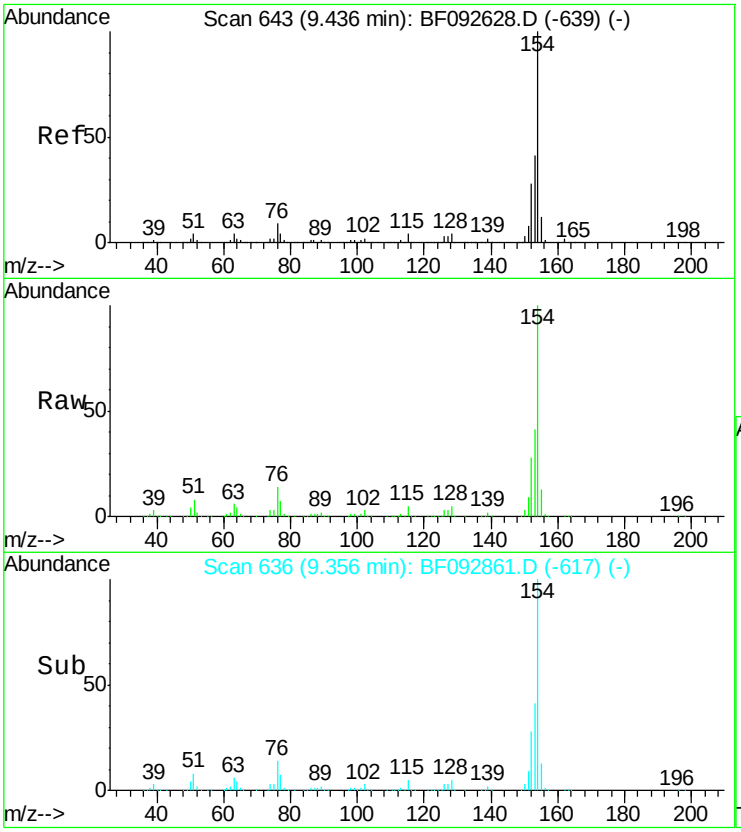




#44
2-Fluorobiphenyl
Concen: 86.78 ng
RT: 9.25 min Scan# 627
Delta R.T. -0.08 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

Tgt Ion:172 Resp: 1543411

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.6 | 29.4 | 44.0 |
| 170 | 24.1 | 20.2 | 30.4 |



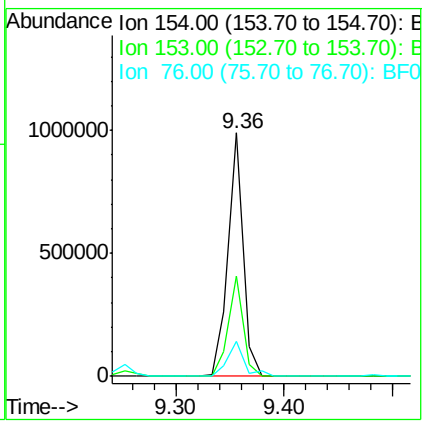


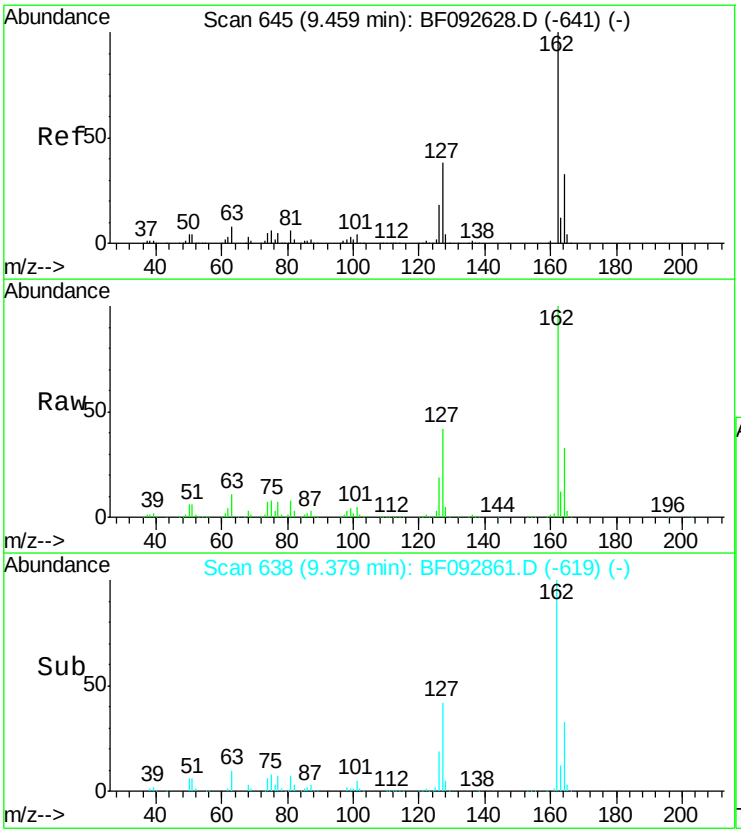

#45
1,1'-Biphenyl
Concen: 40.62 ng
RT: 9.36 min Scan# 636
Delta R.T. -0.08 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

**Instrument :**
BNA_F
**ClientSampleId :**
PB96817BS

Tgt Ion:154 Resp: 947737

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 41.0 | 20.9 | 60.9 |
| 76 | 14.3 | 0.0 | 30.5 |

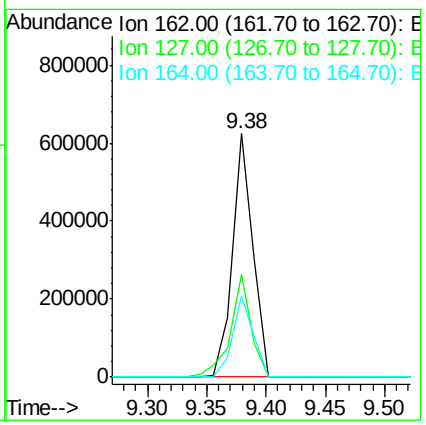


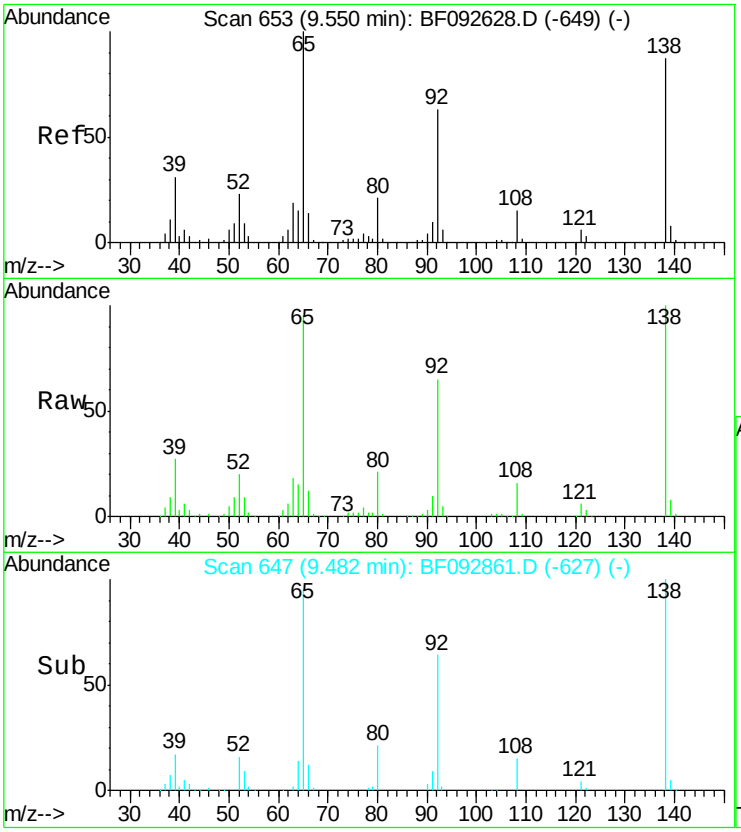




#46
2-Chloronaphthalene
Concen: 40.66 ng
RT: 9.38 min Scan# 638
Delta R.T. -0.08 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

Tgt Ion:162 Resp: 742106

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 42.1 | 30.7 | 46.1 |
| 164 | 33.1 | 27.6 | 41.4 |



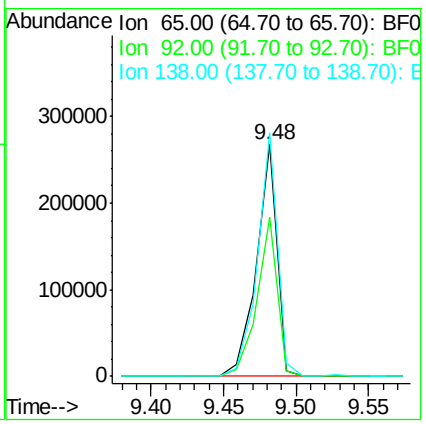


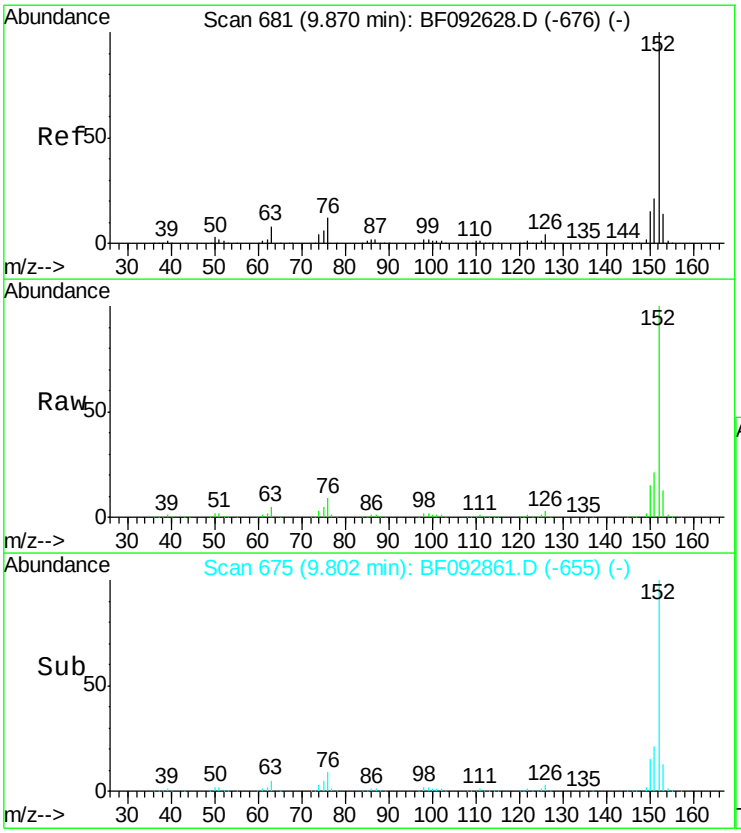

#47
2-Nitroaniline
Concen: 42.78 ng
RT: 9.48 min Scan# 647
Delta R.T. -0.07 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

**Instrument :**
BNA_F
**ClientSampleId :**
PB96817BS

Tgt Ion: 65 Resp: 262528

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 68.6 | 53.9 | 80.9 |
| 138 | 105.0 | 76.8 | 115.2 |

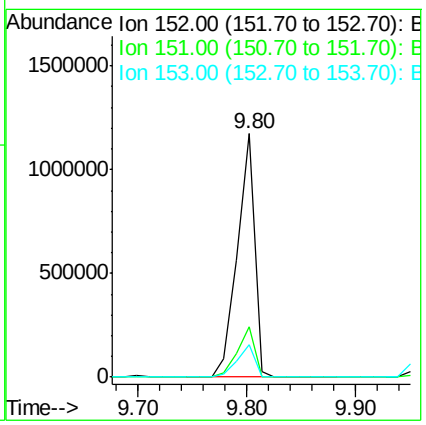


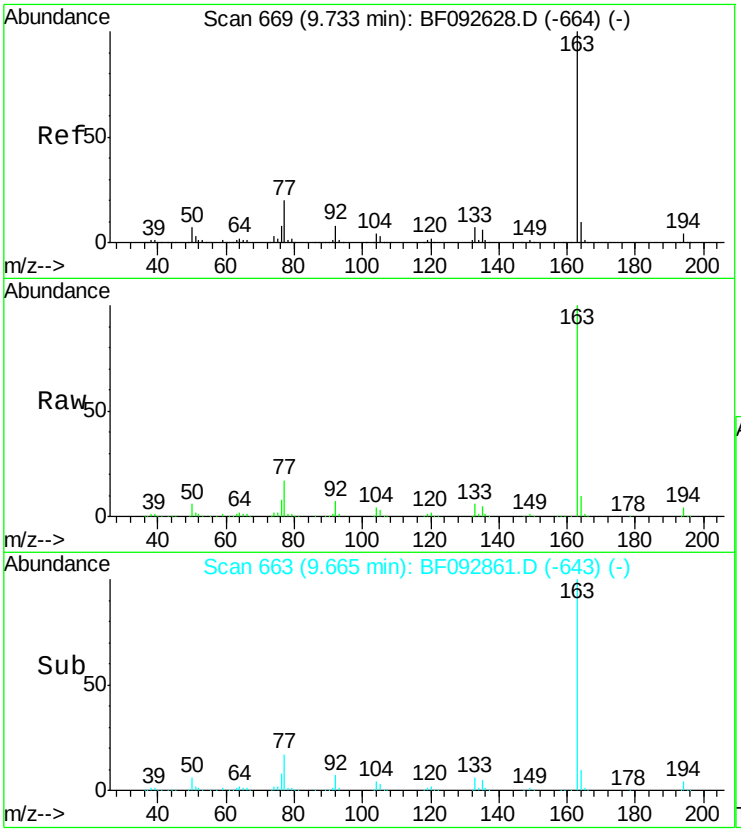




#48
Acenaphthylene
Concen: 40.39 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.07 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

Tgt Ion:152 Resp: 1273605

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.8 | 16.9 | 25.3 |
| 153 | 13.1 | 11.4 | 17.2 |



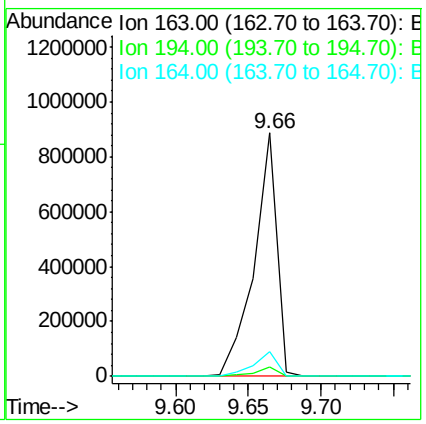


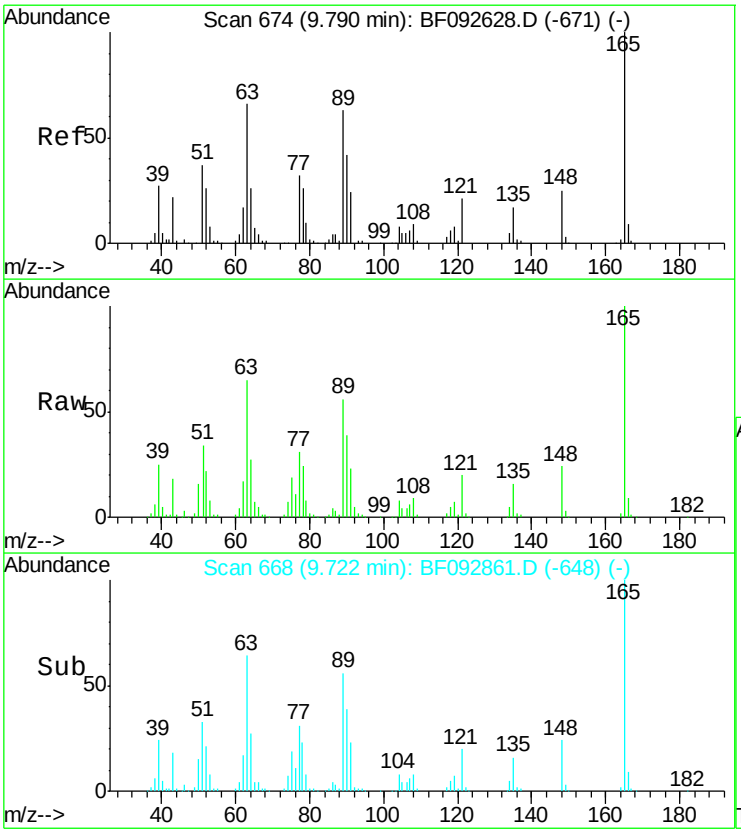

#49
Dimethylphthalate
Concen: 44.58 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.07 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

**Instrument :**
BNA_F
**ClientSampleId :**
PB96817BS

Tgt Ion:163 Resp: 967541

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.7 | 3.0 | 4.4 |
| 164 | 9.9 | 8.0 | 12.0 |

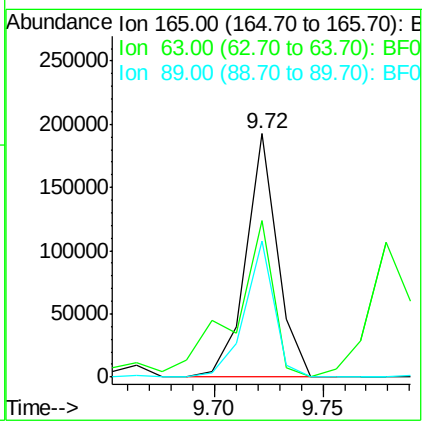


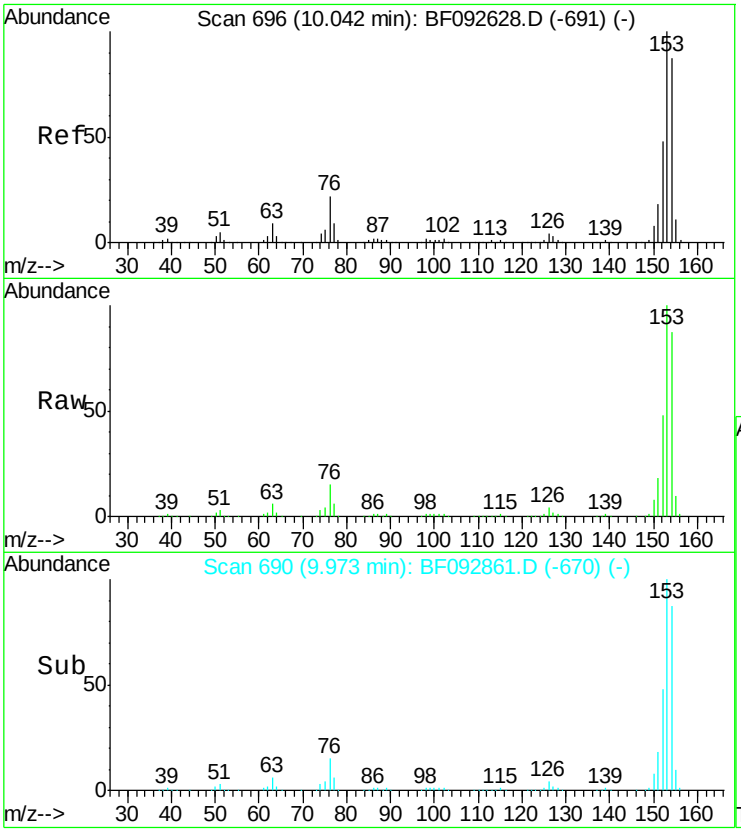




#50
2,6-Dinitrotoluene
Concen: 41.37 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.07 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

Tgt Ion:165 Resp: 193887

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 64.5 | 36.2 | 54.4# |
| 89 | 56.1 | 40.2 | 60.4 |



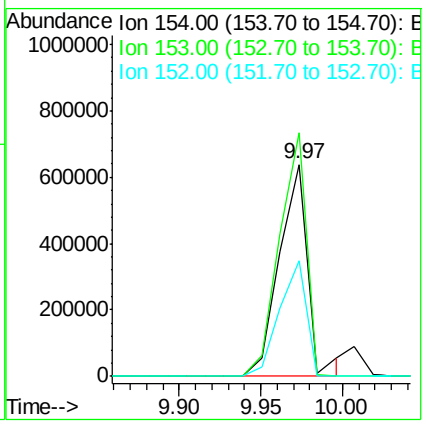


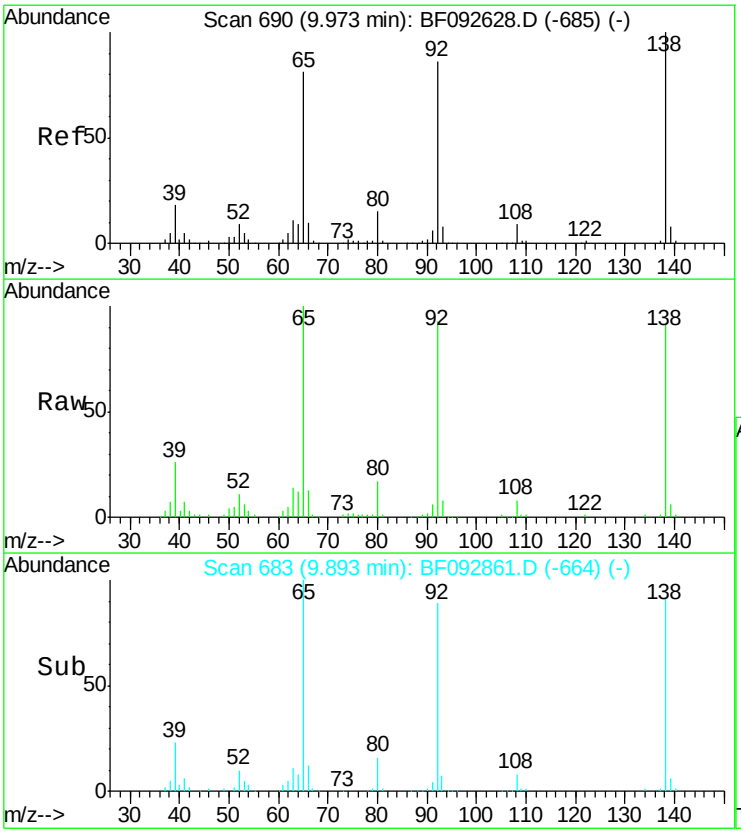

#51
Acenaphthene
Concen: 41.22 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.07 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

**Instrument :**
BNA_F
**ClientSampleId :**
PB96817BS

Tgt Ion:154 Resp: 776997

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 115.0 | 88.6 | 133.0 |
| 152 | 54.8 | 41.6 | 62.4 |

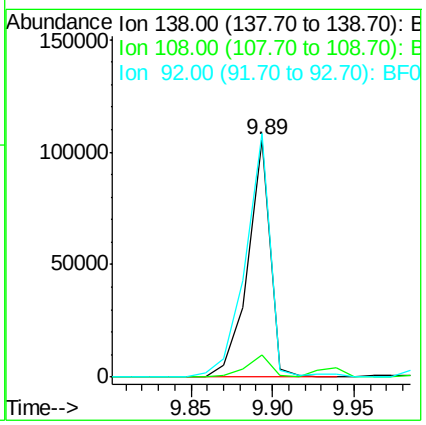


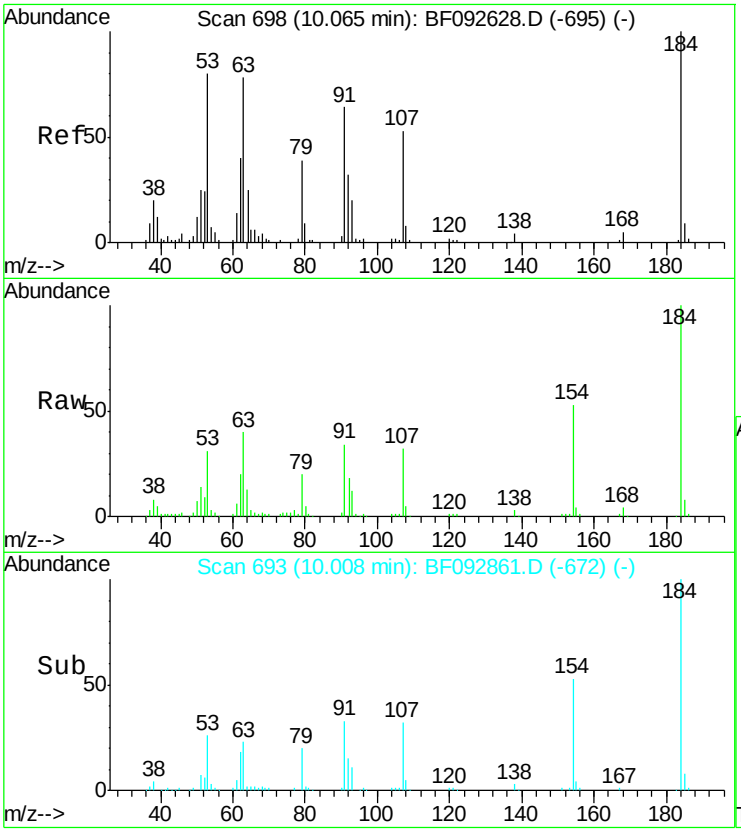




#52
3-Nitroaniline
Concen: 18.67 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.08 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

Tgt Ion:138 Resp: 100124

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 9.2 | 8.5 | 12.7 |
| 92 | 102.6 | 97.8 | 146.8 |



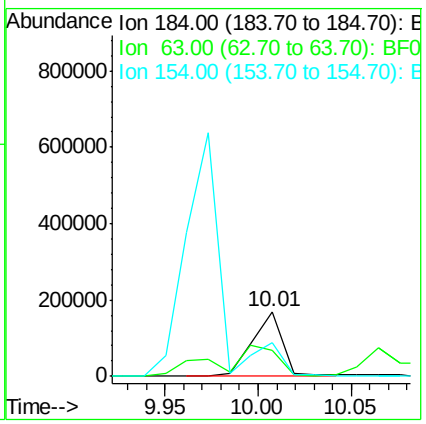


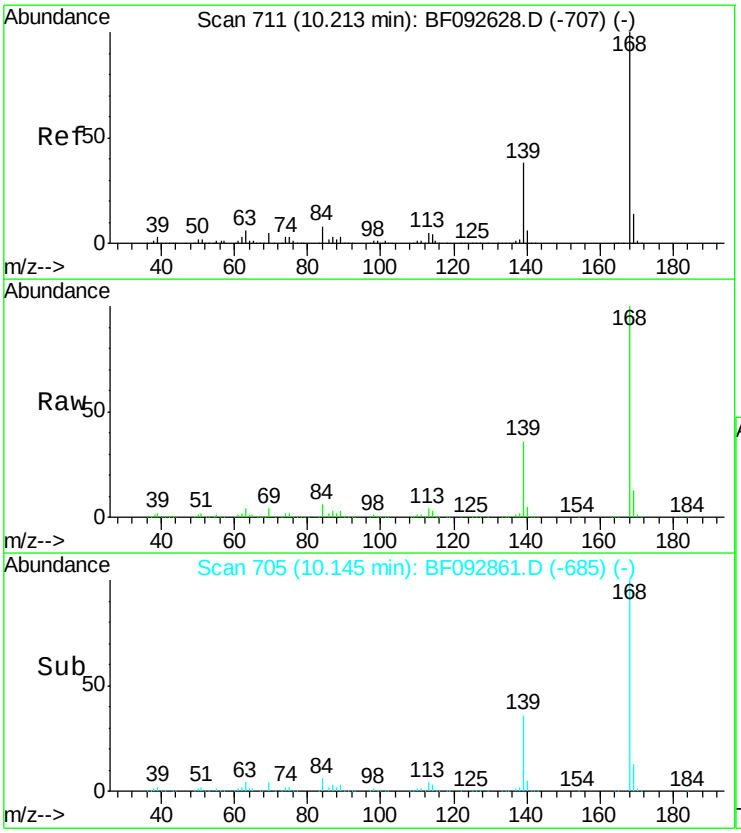

#53
2,4-Dinitrophenol
Concen: 80.22 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.06 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

**Instrument :**
BNA_F
**ClientSampleId :**
PB96817BS

Tgt Ion:184 Resp: 191310

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 40.0 | 28.4 | 42.6 |
| 154 | 52.6 | 44.3 | 66.5 |

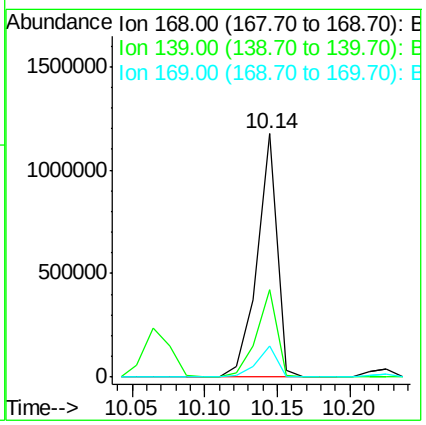


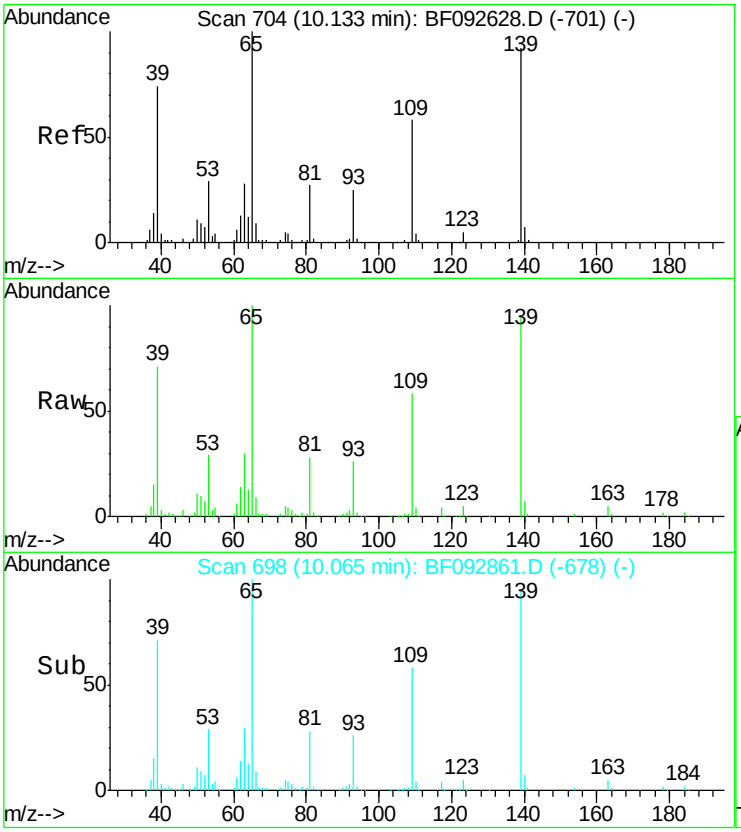




#54
Dibenzofuran
Concen: 44.50 ng
RT: 10.14 min Scan# 705
Delta R.T. -0.07 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

Tgt Ion:168 Resp: 1122040

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 35.9 | 32.6 | 49.0 |
| 169 | 13.0 | 11.3 | 16.9 |



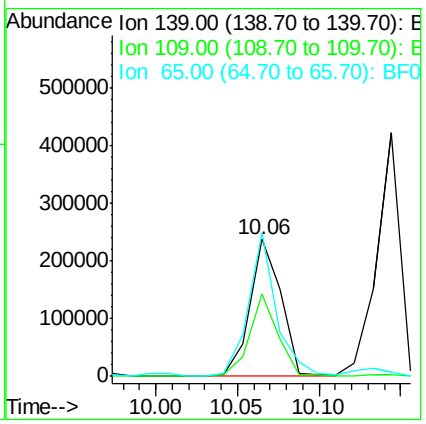


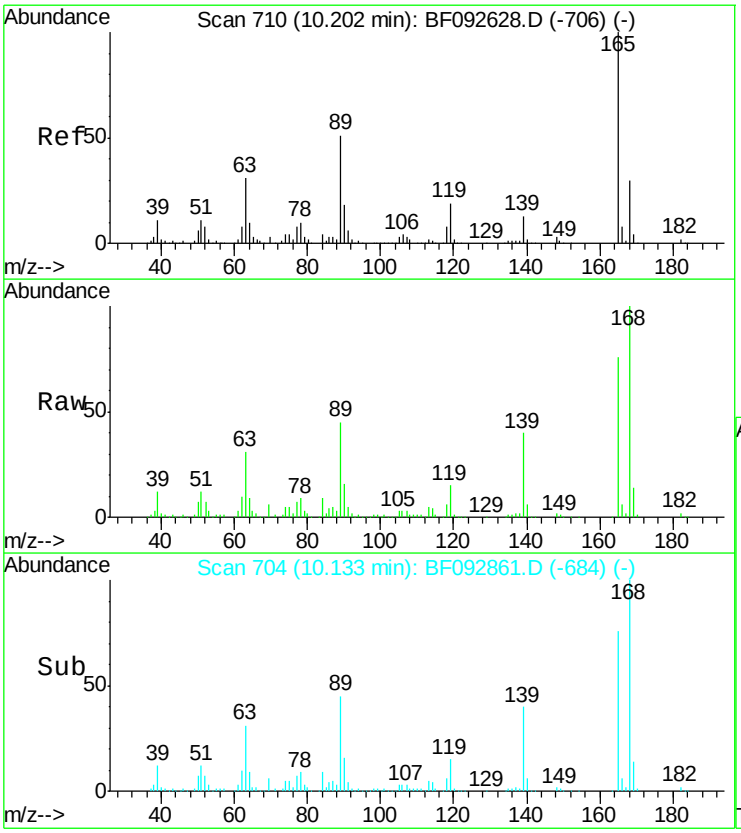

#55
4-Nitrophenol
Concen: 81.28 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.07 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

**Instrument :**
BNA_F
**ClientSampleId :**
PB96817BS

Tgt Ion:139 Resp: 314004

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 60.2 | 52.2 | 92.2 |
| 65 | 104.7 | 85.8 | 125.8 |

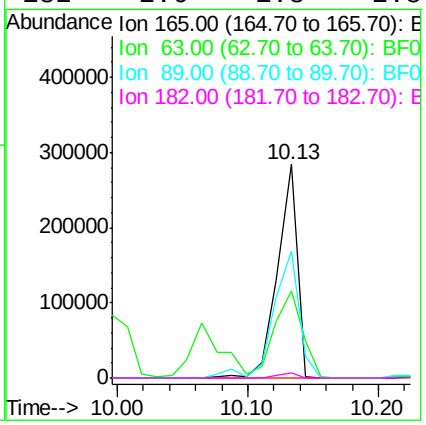


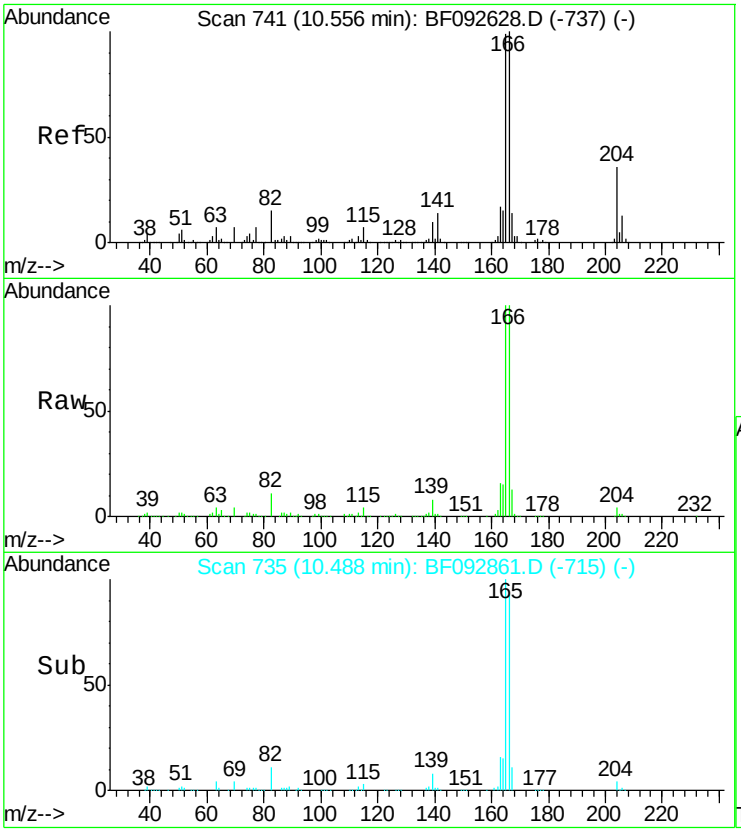




#56
2,4-Dinitrotoluene
Concen: 48.55 ng
RT: 10.13 min Scan# 704
Delta R.T. -0.07 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

Tgt Ion:165 Resp: 302954

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 41.0 | 40.2 | 60.4 |
| 89 | 59.5 | 62.5 | 93.7# |
| 182 | 2.6 | 1.8 | 2.8 |



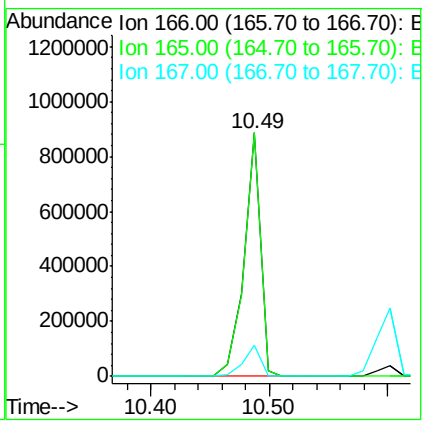


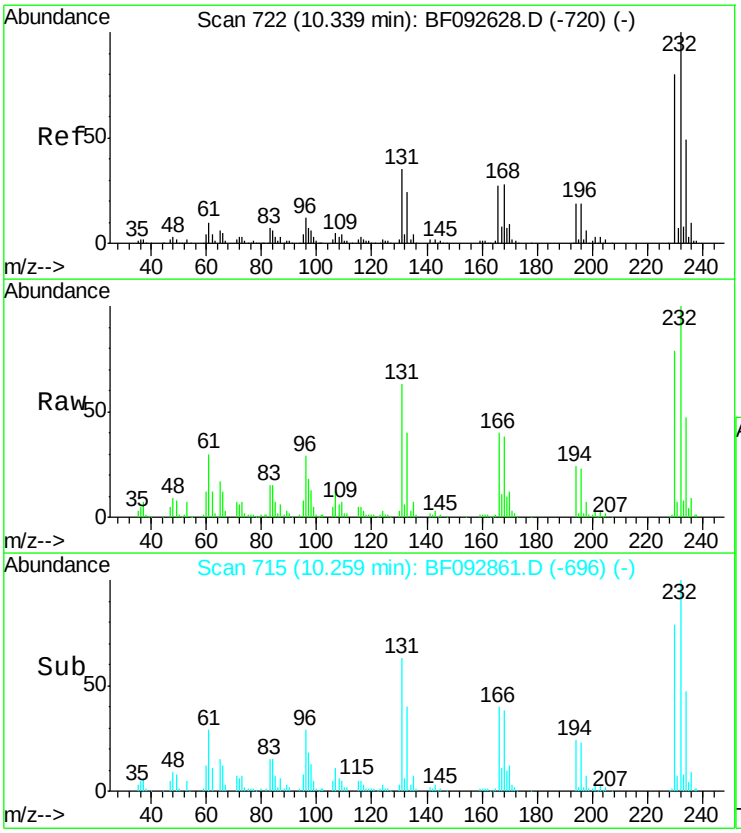

#57
Fluorene
Concen: 44.25 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.07 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

**Instrument :**
BNA_F
**ClientSampleId :**
PB96817BS

Tgt Ion:166 Resp: 858391

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 100.2 | 77.8 | 116.8 |
| 167 | 13.1 | 10.8 | 16.2 |

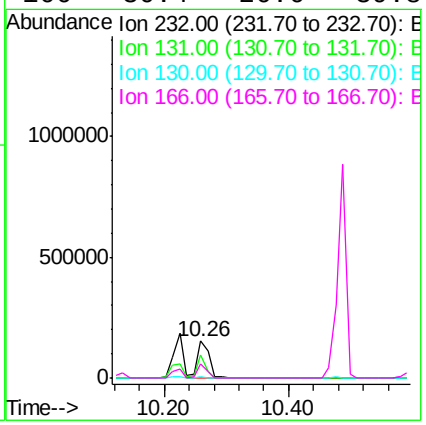


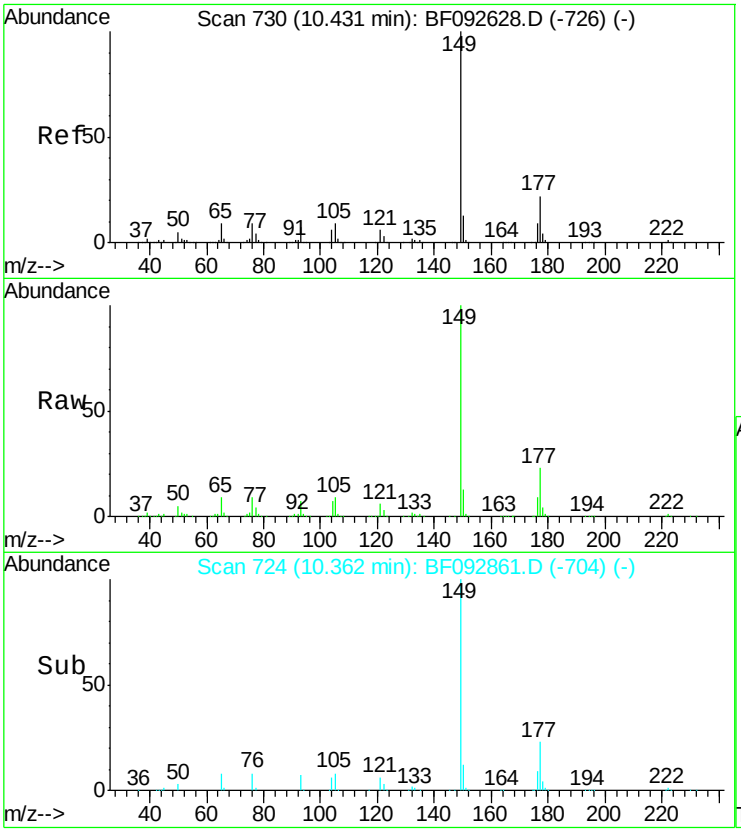




#58
2,3,4,6-Tetrachlorophenol
Concen: 48.22 ng
RT: 10.26 min Scan# 715
Delta R.T. -0.08 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

Tgt Ion:232 Resp: 209443

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 45.3 | 40.1 | 60.1 |
| 130 | 2.2 | 1.8 | 2.8 |
| 166 | 30.4 | 26.6 | 39.8 |



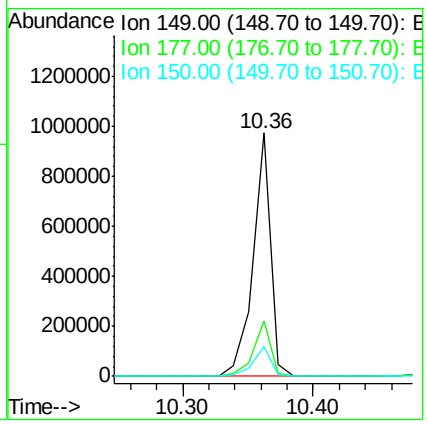


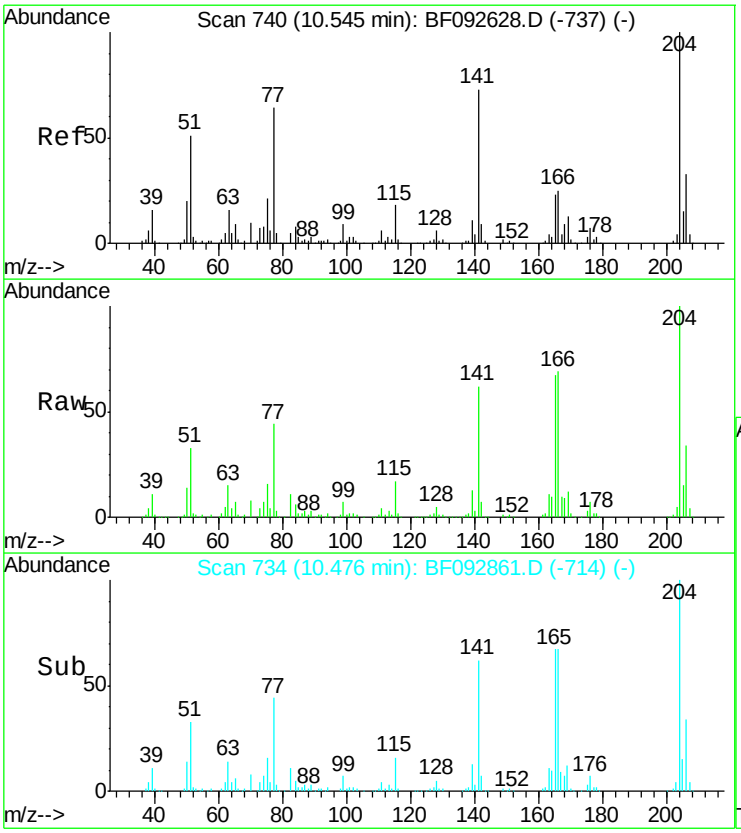

#59
Diethylphthalate
Concen: 44.49 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.07 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

**Instrument :**
BNA_F
**ClientSampleId :**
PB96817BS

Tgt Ion:149 Resp: 909869

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.9 | 16.6 | 25.0 |
| 150 | 12.5 | 10.4 | 15.6 |

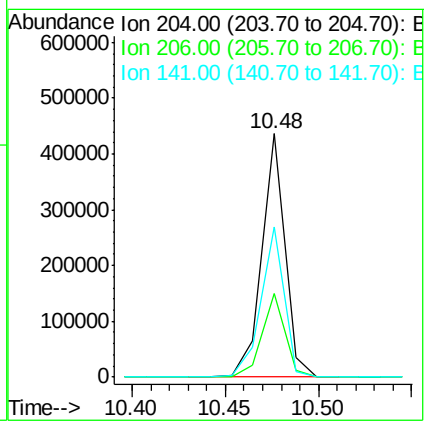


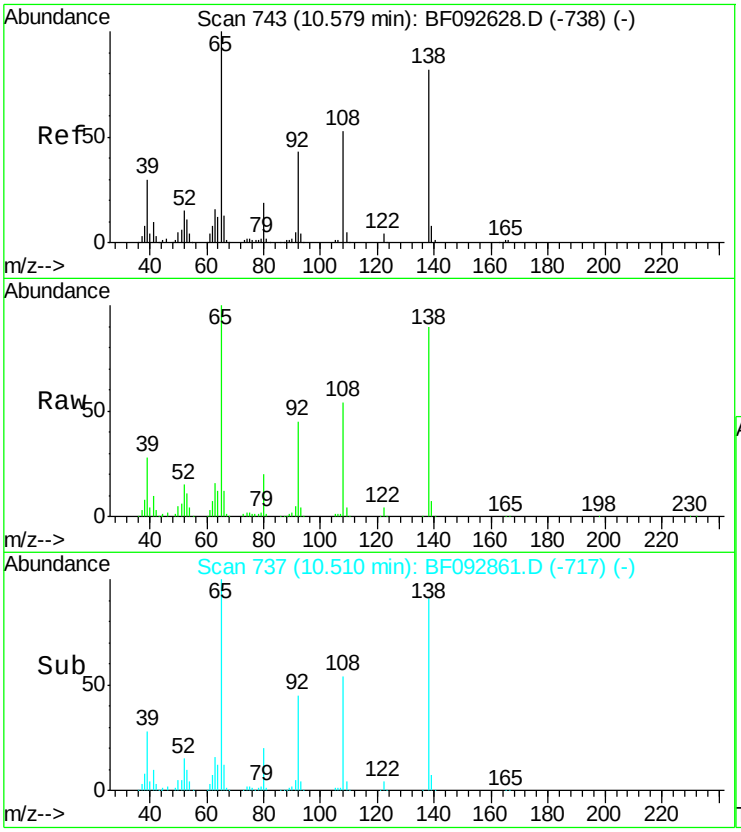




#60
4-Chlorophenyl-phenylether
Concen: 39.75 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.07 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

Tgt Ion:204 Resp: 370419

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 34.2 | 25.8 | 38.6 |
| 141 | 61.8 | 59.4 | 89.0 |



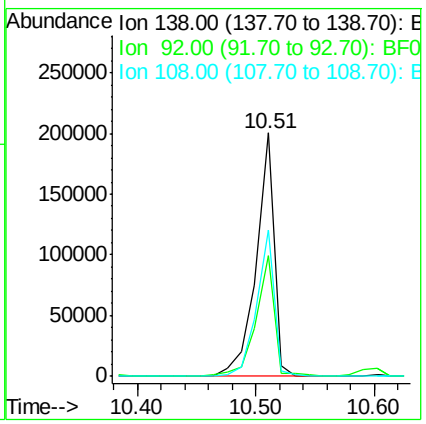


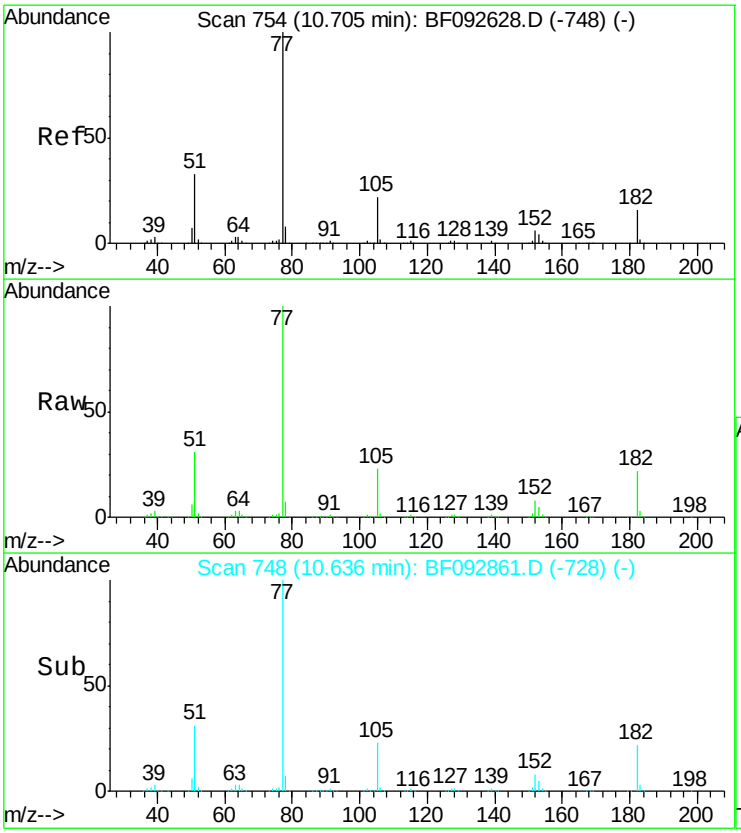

#61
4-Nitroaniline
Concen: 39.20 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.07 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

**Instrument :**
BNA_F
**ClientSampleId :**
PB96817BS

Tgt Ion:138 Resp: 215358

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 49.6 | 31.7 | 71.7 |
| 108 | 60.2 | 52.6 | 92.6 |

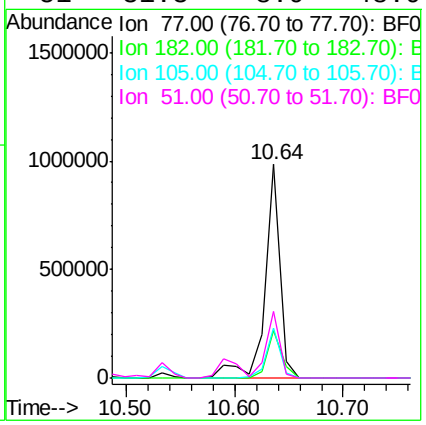


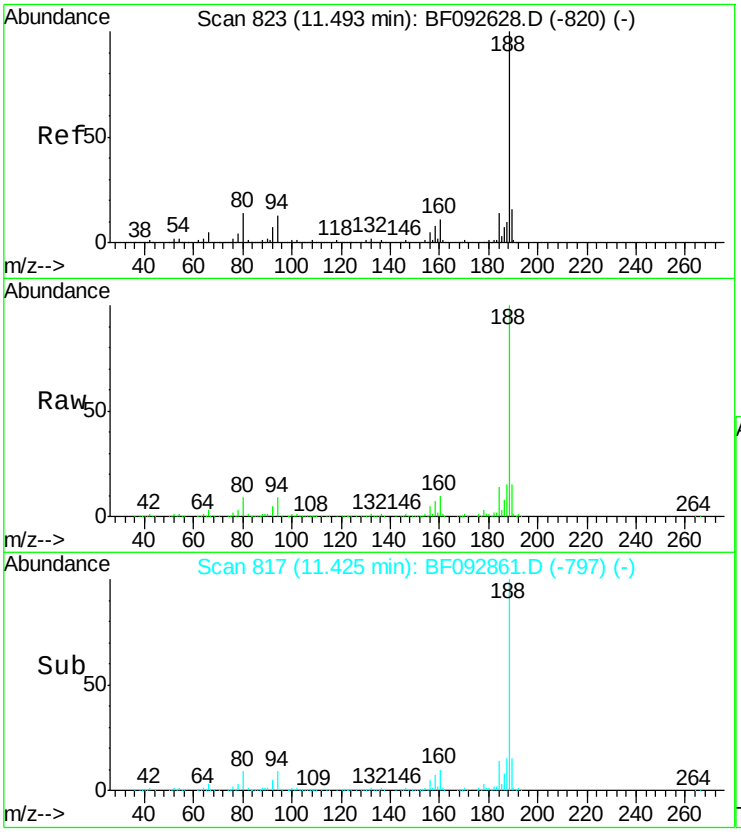




#62
Azobenzene
Concen: 45.47 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.07 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

Tgt Ion: 77 Resp: 960858

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 22.2 | 0.0 | 39.3 |
| 105 | 23.4 | 2.3 | 42.3 |
| 51 | 31.3 | 8.9 | 48.9 |



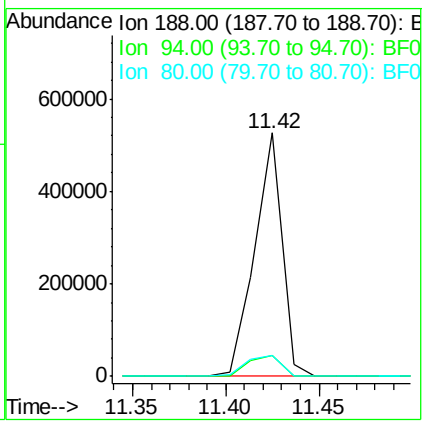


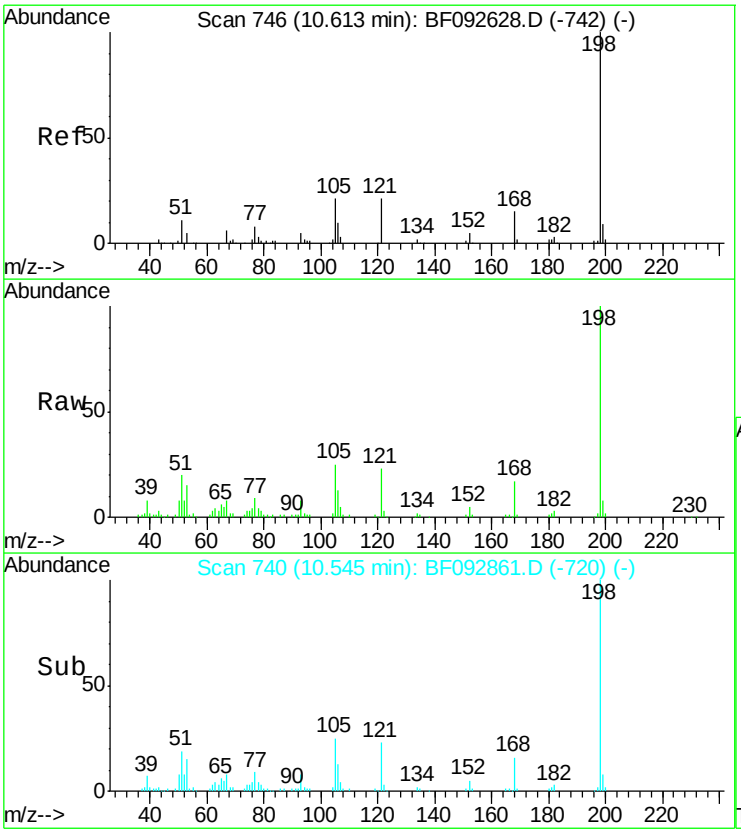

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 817
Delta R.T. -0.07 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

**Instrument :**
BNA_F
**ClientSampleId :**
PB96817BS

Tgt Ion:188 Resp: 532083

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.8 | 10.0 | 15.0# |
| 80 | 8.6 | 11.2 | 16.8# |

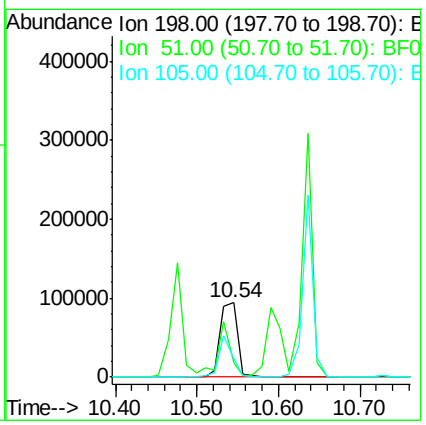


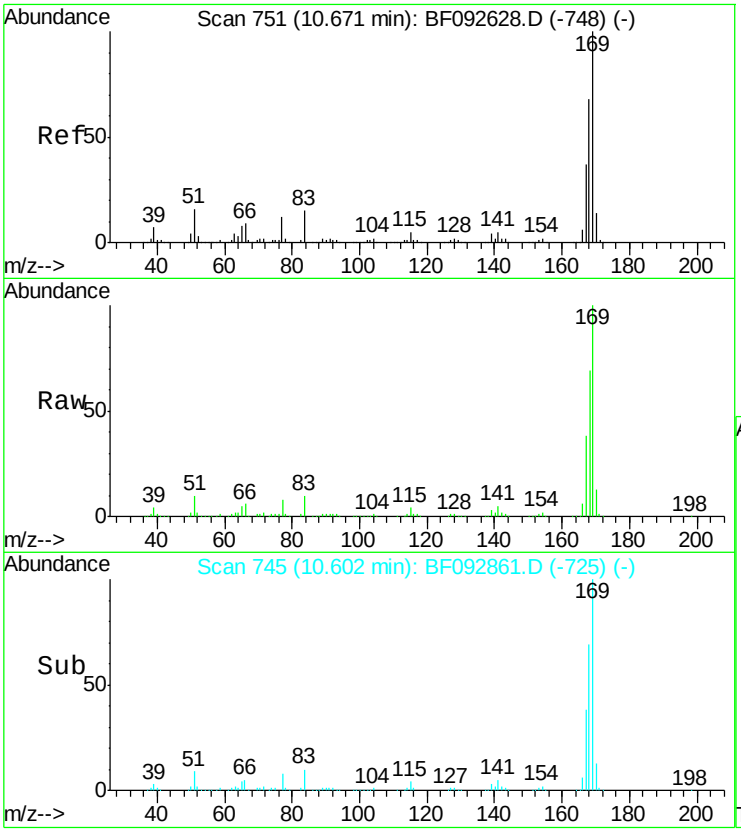




#64
4,6-Dinitro-2-methylphenol
Concen: 43.01 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.07 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

Tgt Ion:198 Resp: 138343

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 19.5 | 6.7 | 46.7 |
| 105 | 24.6 | 16.6 | 56.6 |



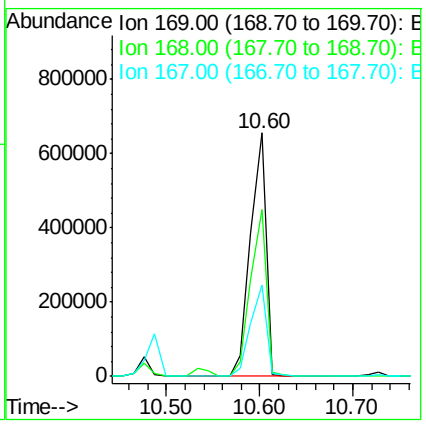


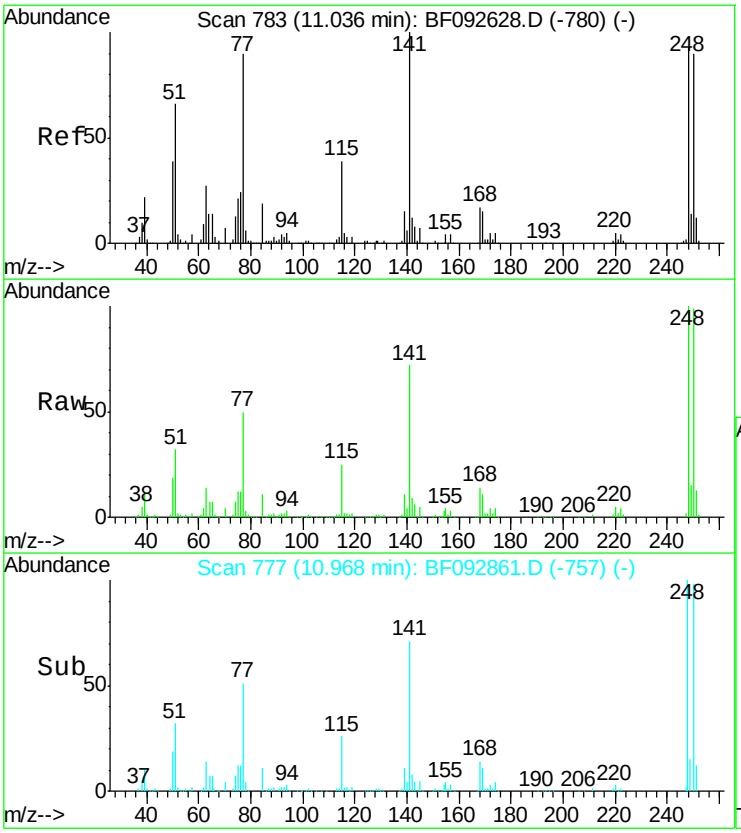

#65
n-Nitrosodiphenylamine
Concen: 44.73 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.07 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

**Instrument :**
BNA_F
**ClientSampleId :**
PB96817BS

Tgt Ion:169 Resp: 760368

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 68.7 | 54.2 | 81.2 |
| 167 | 37.6 | 30.2 | 45.4 |

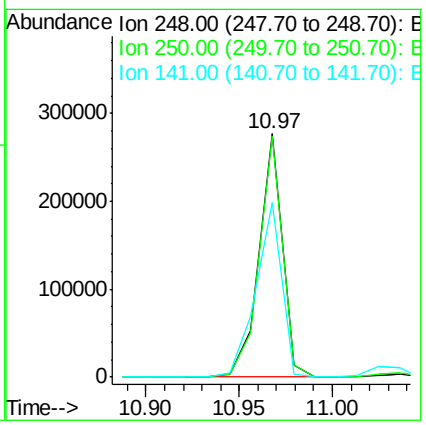


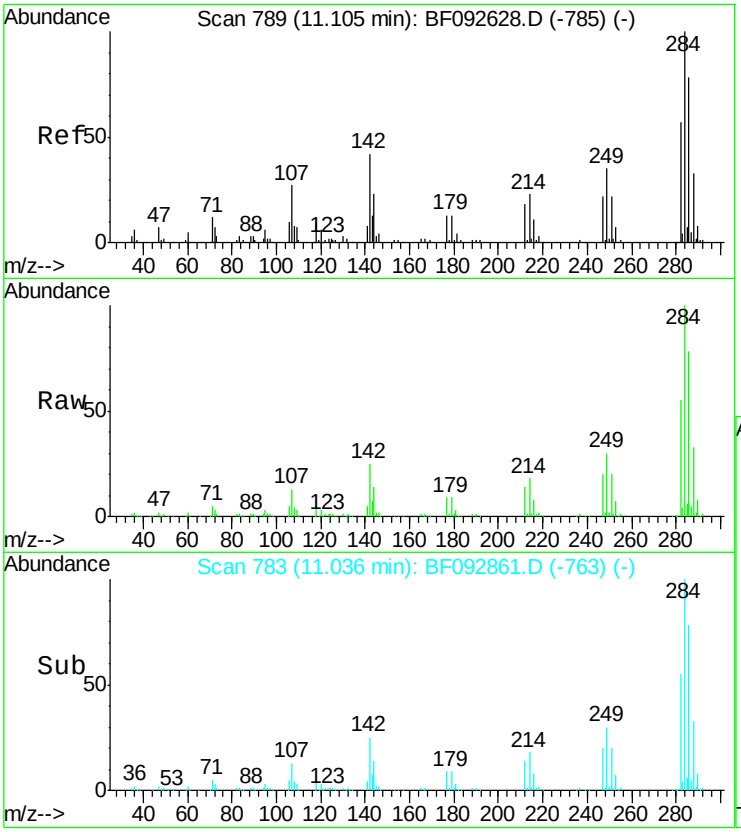




#66
4-Bromophenyl-phenylether
Concen: 42.75 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.07 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

Tgt Ion:248 Resp: 237625

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 99.1 | 76.9 | 115.3 |
| 141 | 71.9 | 68.2 | 102.4 |



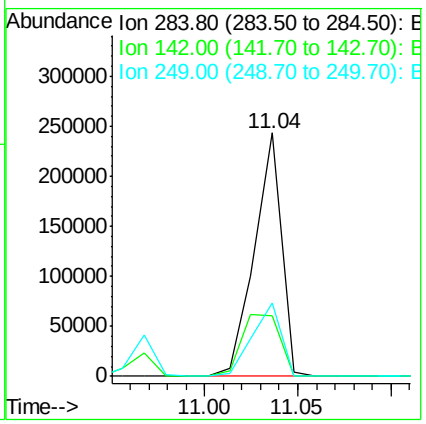


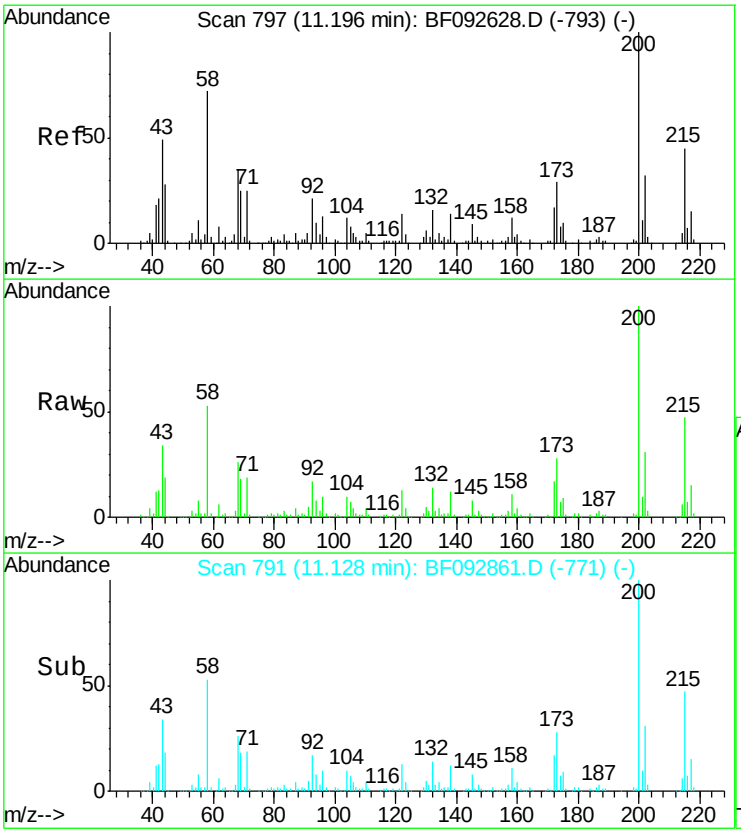

#67
Hexachlorobenzene
Concen: 44.39 ng
RT: 11.04 min Scan# 783
Delta R.T. -0.07 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

**Instrument :**
BNA_F
**ClientSampleId :**
PB96817BS

Tgt Ion:284 Resp: 243848

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 24.8 | 22.6 | 33.8 |
| 249 | 30.3 | 25.4 | 38.0 |

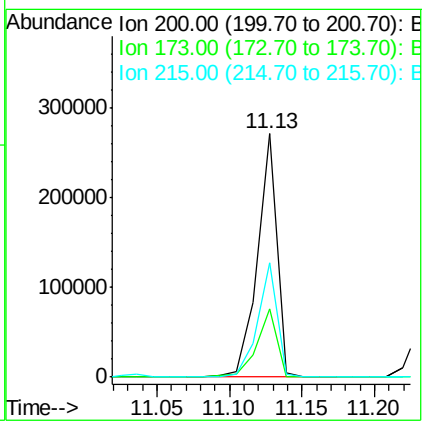


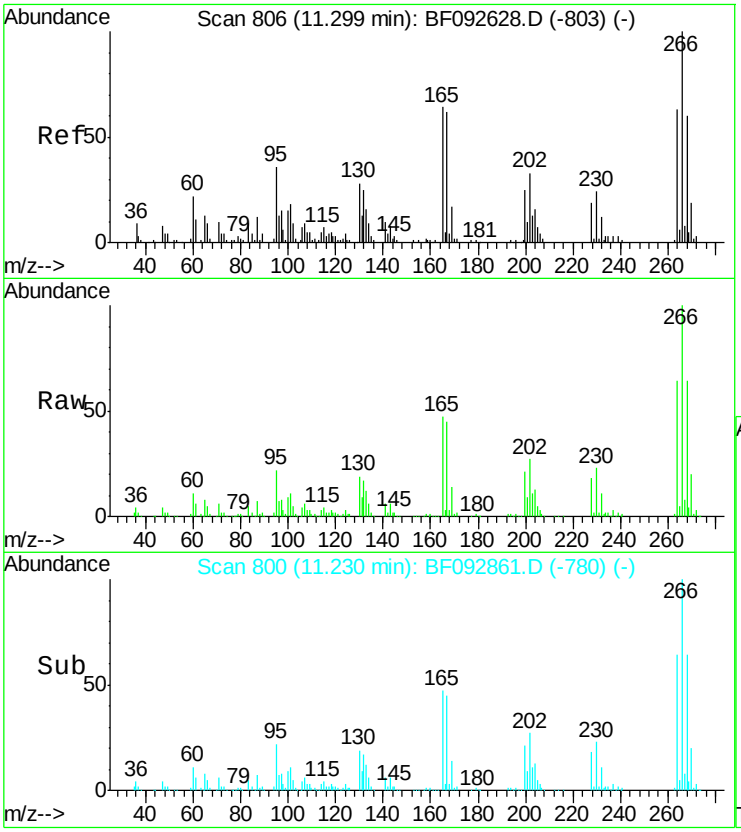




#68
Atrazine
Concen: 46.21 ng
RT: 11.13 min Scan# 791
Delta R.T. -0.07 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

Tgt Ion:200 Resp: 252085

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 27.9 | 9.6 | 49.6 |
| 215 | 46.8 | 25.7 | 65.7 |



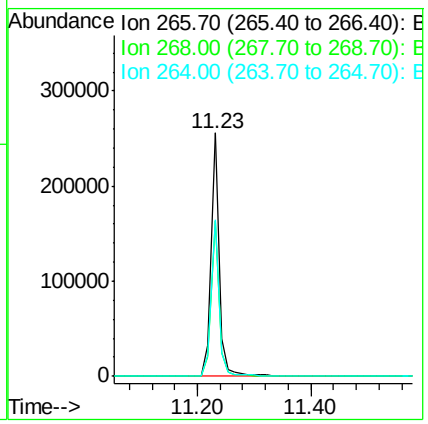


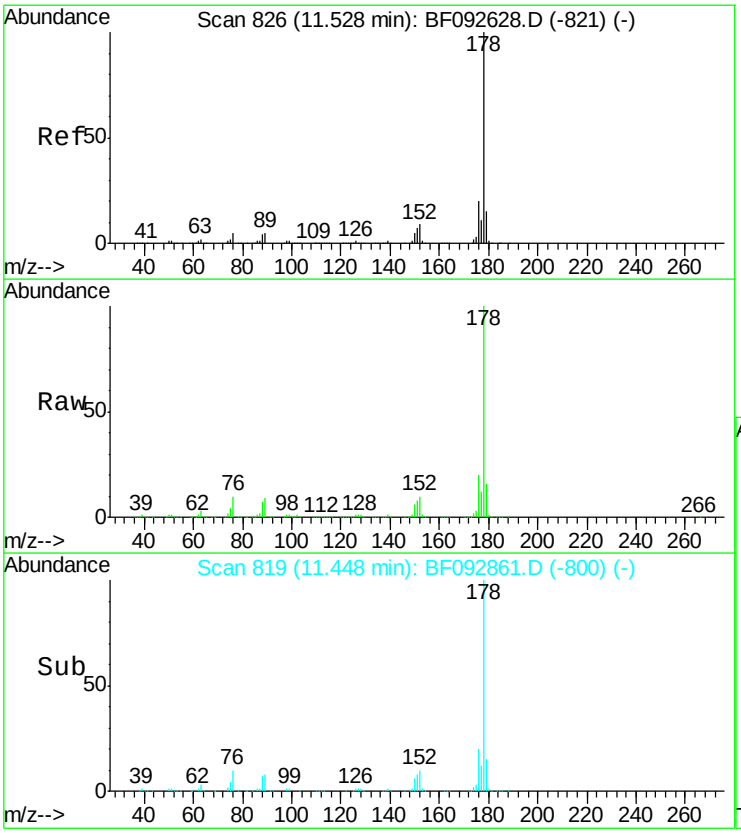

#69
Pentachlorophenol
Concen: 85.47 ng
RT: 11.23 min Scan# 800
Delta R.T. -0.07 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

**Instrument :**
BNA_F
**ClientSampleId :**
PB96817BS

Tgt Ion:266 Resp: 243913

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 63.7 | 53.3 | 79.9 |
| 264 | 64.2 | 50.3 | 75.5 |

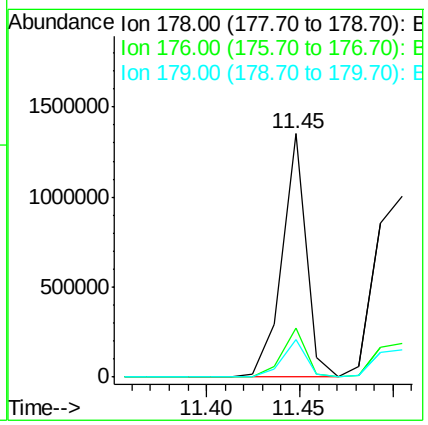


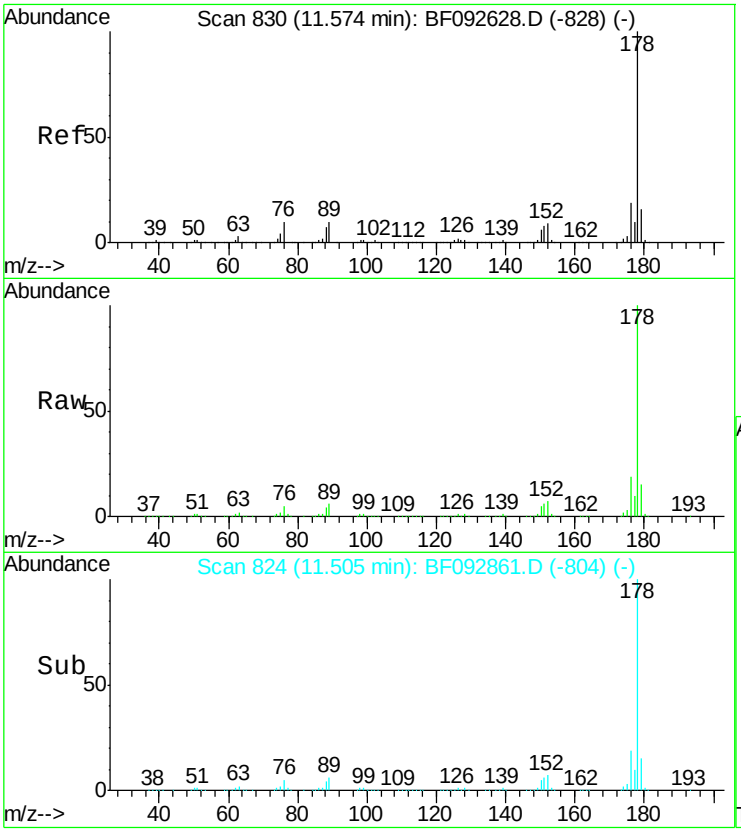




#70
Phenanthrene
Concen: 39.95 ng
RT: 11.45 min Scan# 819
Delta R.T. -0.08 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

Tgt Ion:178 Resp: 1217938

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.9 | 16.6 | 25.0 |
| 179 | 15.5 | 12.8 | 19.2 |



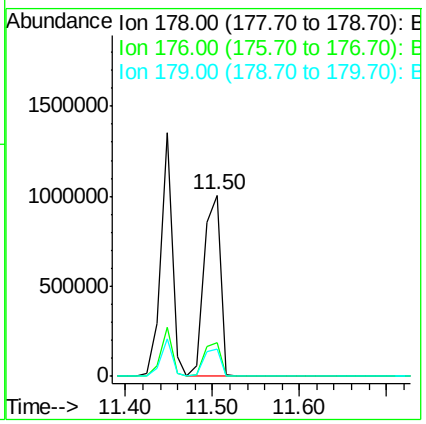


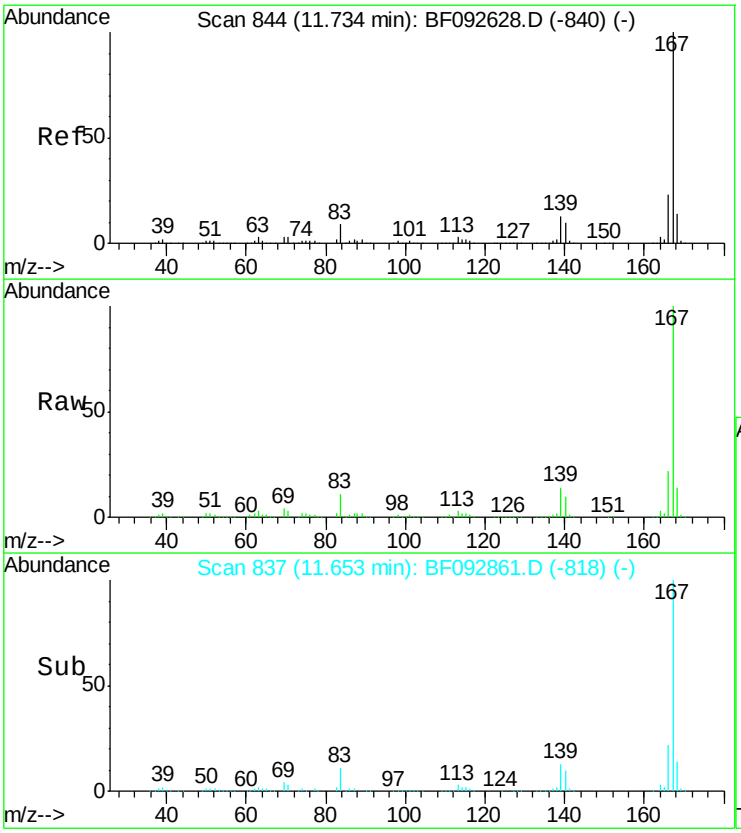

#71
Anthracene
Concen: 43.50 ng
RT: 11.50 min Scan# 824
Delta R.T. -0.07 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

**Instrument :**
BNA_F
**ClientSampleId :**
PB96817BS

Tgt Ion:178 Resp: 1331600

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.9 | 15.9 | 23.9 |
| 179 | 15.1 | 13.2 | 19.8 |

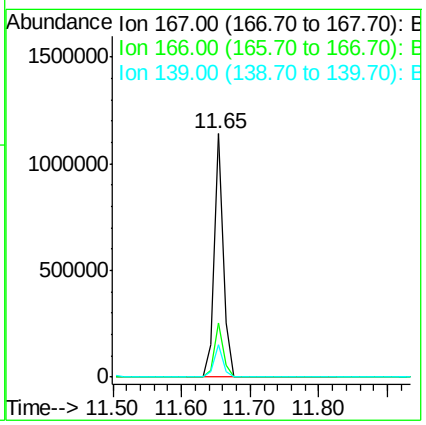


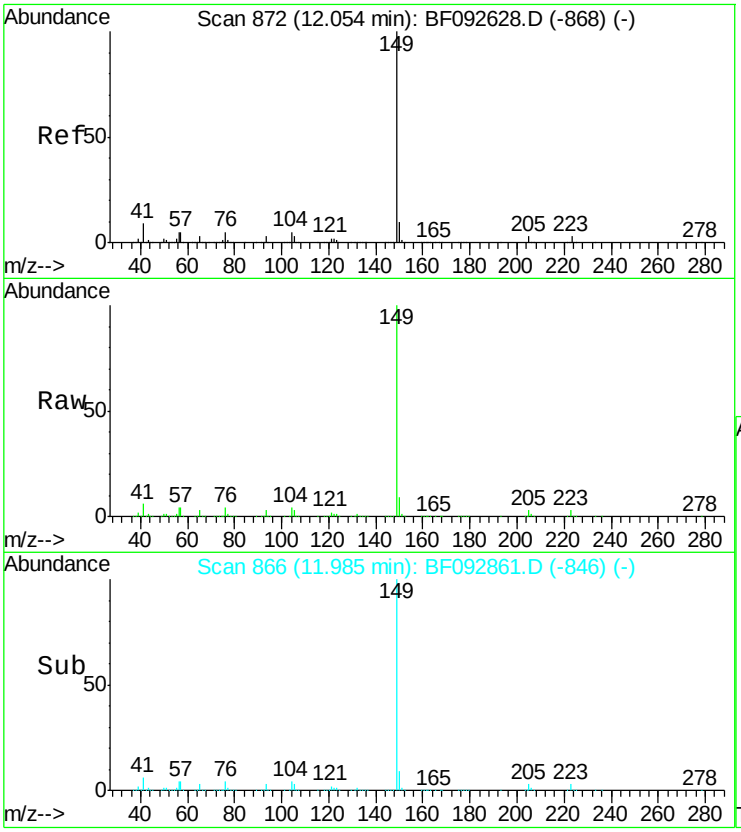

#72
Carbazole
Concen: 36.71 ng
RT: 11.65 min Scan# 837
Delta R.T. -0.08 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

Tgt Ion:167 Resp: 1074271

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.4 | 18.2 | 27.2 |
| 139 | 13.6 | 11.4 | 17.2 |



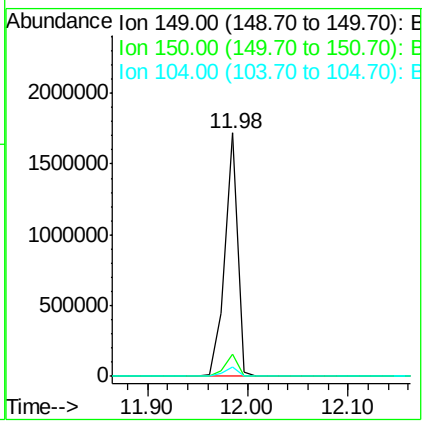
**Instrument :** BNA_F
**ClientSampleId :** PB96817BS

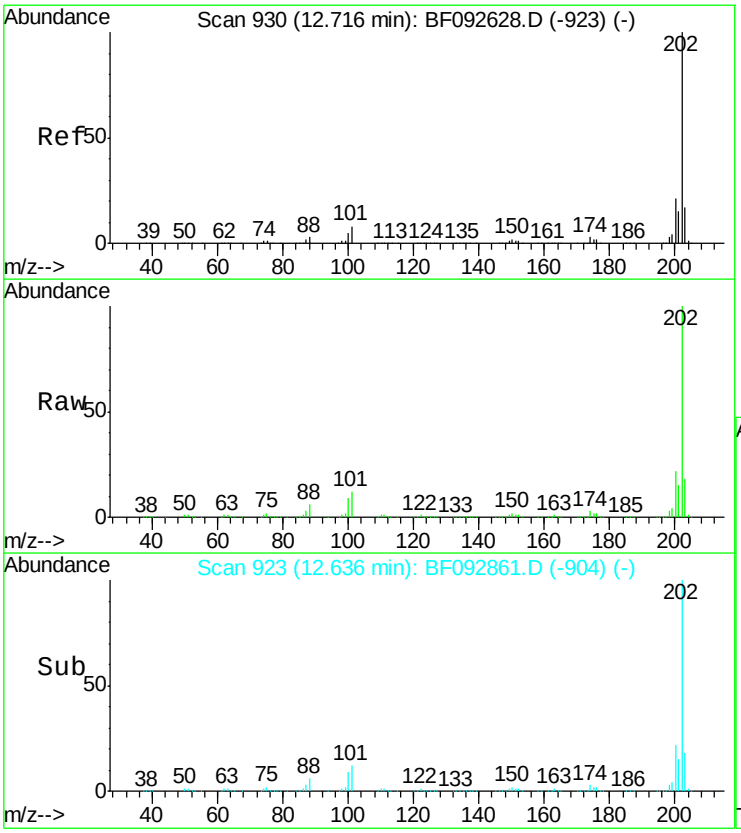



#73
Di-n-butylphthalate
Concen: 47.88 ng
RT: 11.98 min Scan# 866
Delta R.T. -0.07 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

Tgt Ion:149 Resp: 1515358

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.3 | 8.1 | 12.1 |
| 104 | 4.1 | 4.6 | 7.0# |

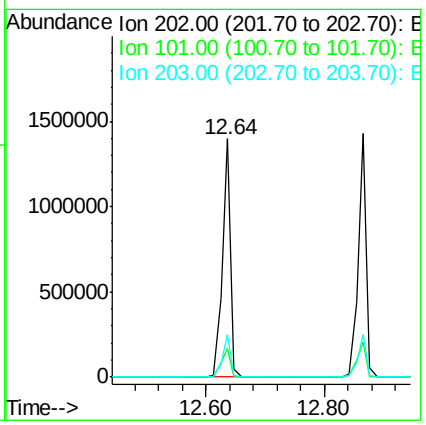


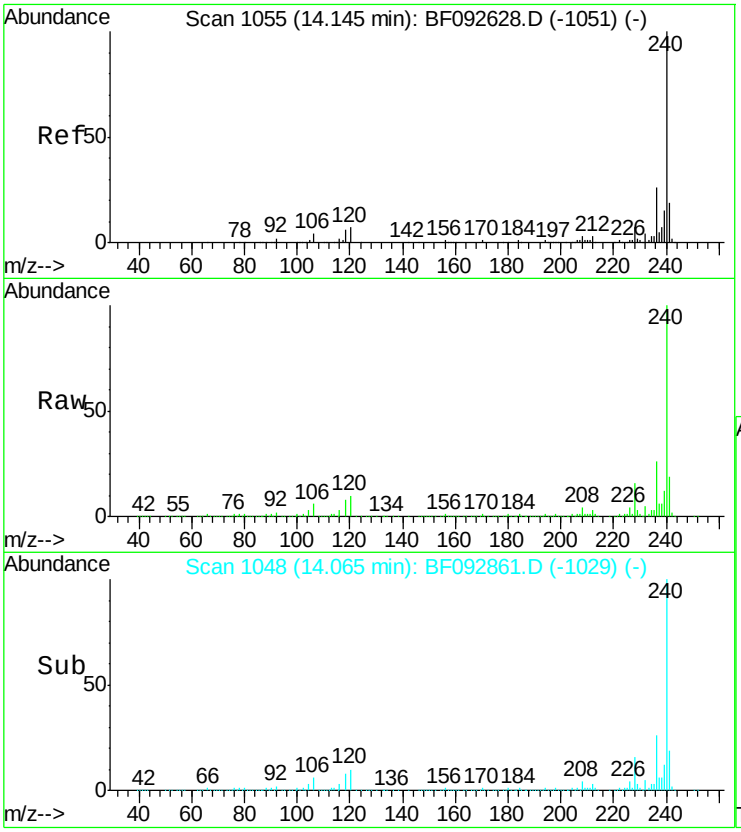




#74
Fluoranthene
Concen: 42.13 ng
RT: 12.64 min Scan# 923
Delta R.T. -0.08 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

Tgt Ion:202 Resp: 1324848

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 12.0 | 0.0 | 34.6 |
| 203 | 17.8 | 0.0 | 38.7 |



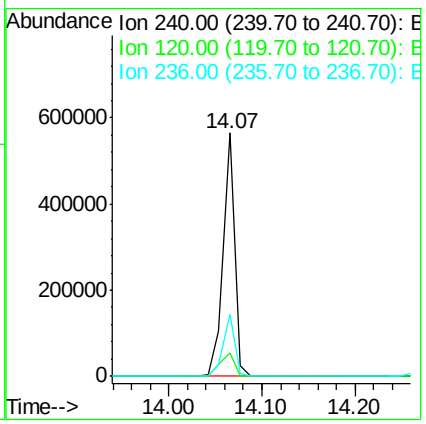


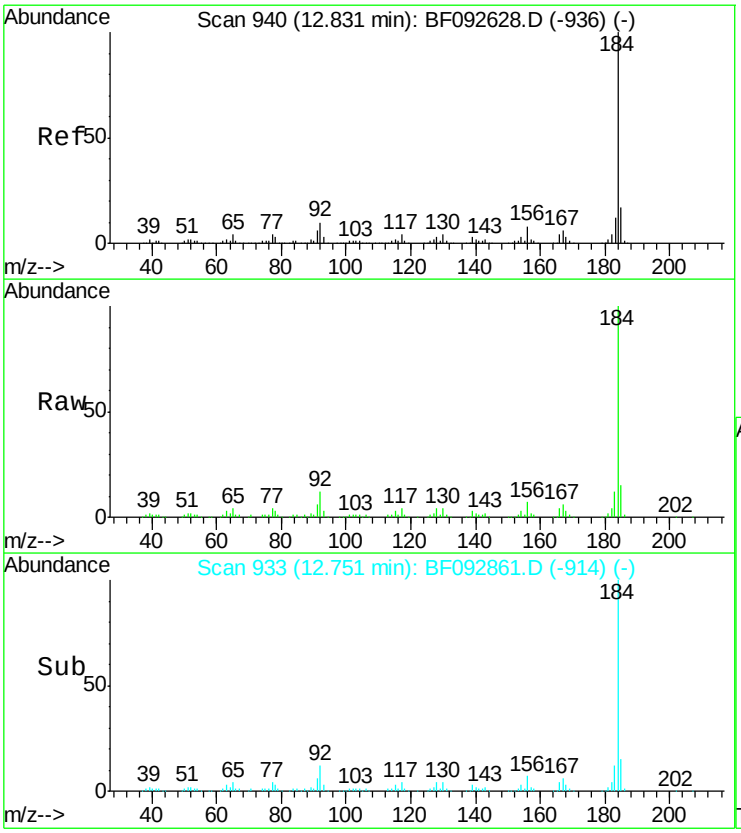

#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 1048
Delta R.T. -0.08 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

**Instrument :**
BNA_F
**ClientSampleId :**
PB96817BS

Tgt Ion:240 Resp: 481925

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.9 | 12.9 | 19.3# |
| 236 | 25.6 | 20.9 | 31.3 |

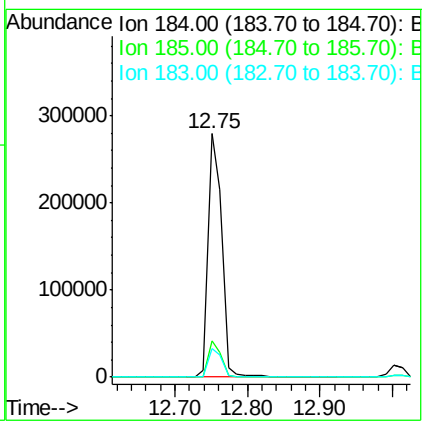


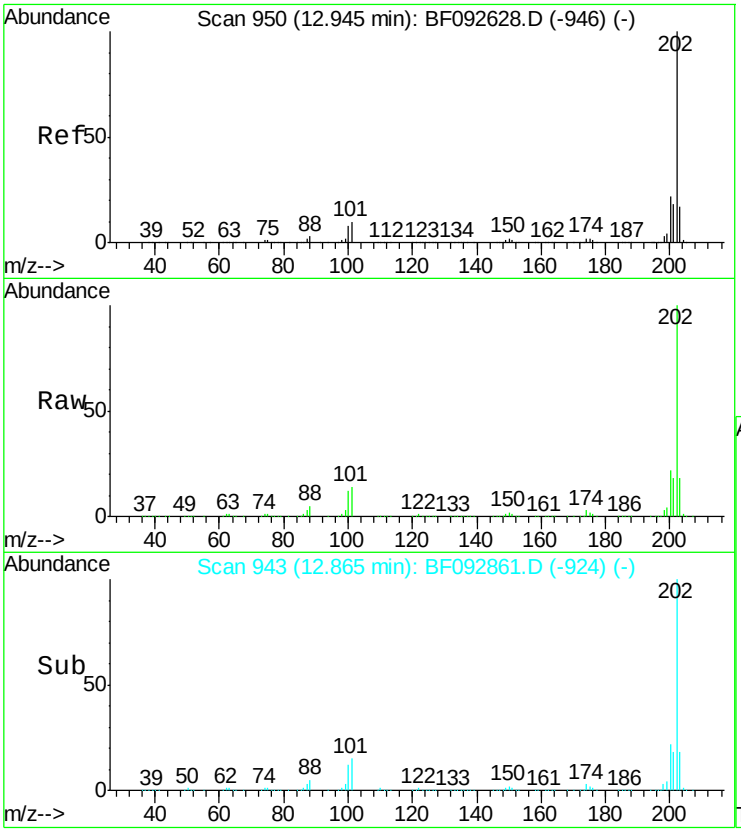




#76
Benzidine
Concen: 17.62 ng
RT: 12.75 min Scan# 933
Delta R.T. -0.08 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

Tgt Ion:184 Resp: 361809

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.8 | 13.4 | 20.0 |
| 183 | 11.5 | 9.2 | 13.8 |



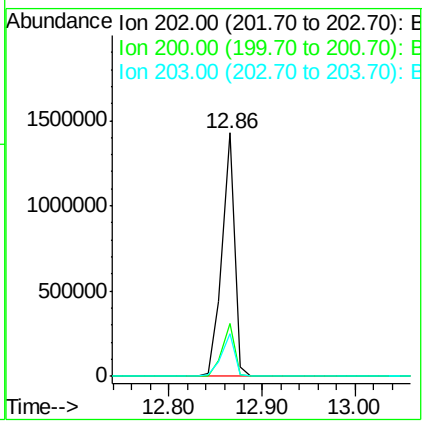


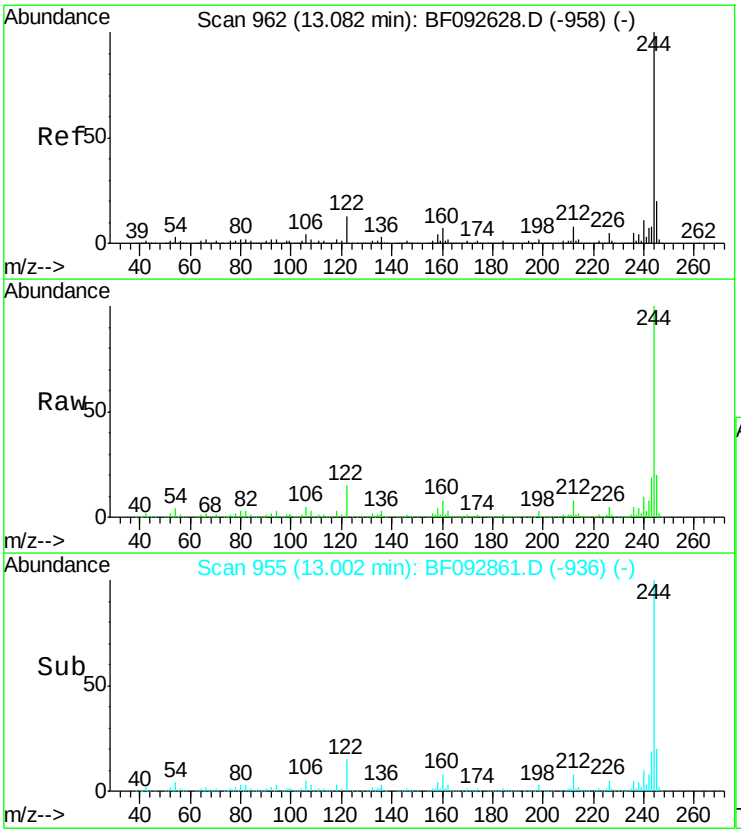

#77
Pyrene
Concen: 36.98 ng
RT: 12.86 min Scan# 943
Delta R.T. -0.08 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

**Instrument :**
BNA_F
**ClientSampleId :**
PB96817BS

Tgt Ion:202 Resp: 1333684

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.8 | 17.7 | 26.5 |
| 203 | 17.7 | 14.7 | 22.1 |

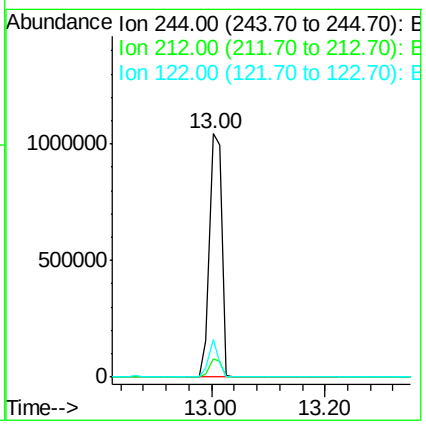


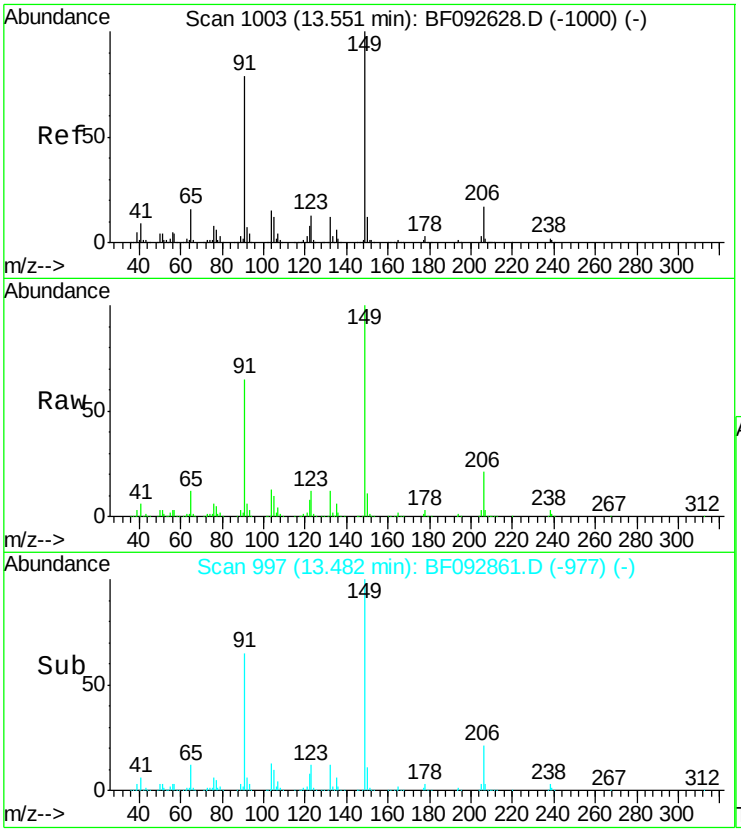




#78
Terphenyl-d14
Concen: 74.04 ng
RT: 13.00 min Scan# 955
Delta R.T. -0.08 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

Tgt Ion:244 Resp: 1518520

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.6 | 6.2 | 9.2 |
| 122 | 15.3 | 11.4 | 17.2 |



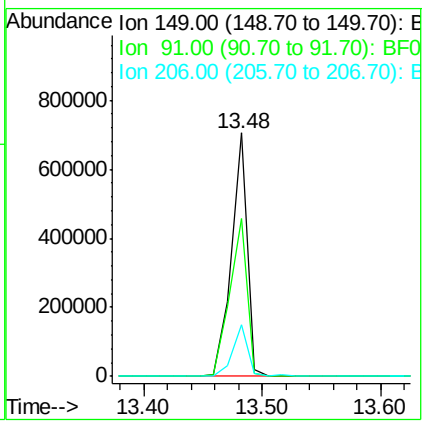


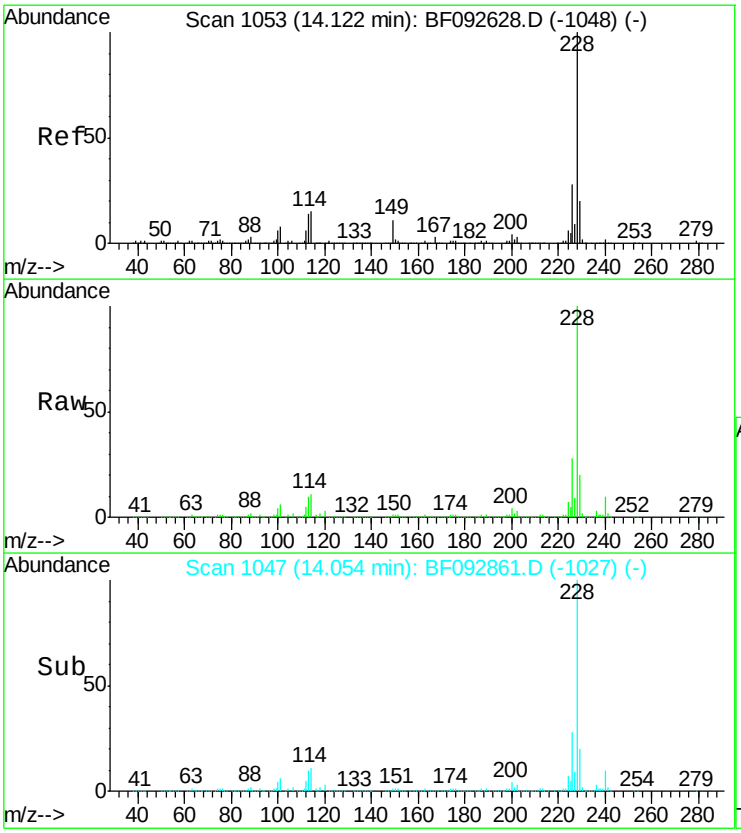

#79
Butylbenzylphthalate
Concen: 44.50 ng
RT: 13.48 min Scan# 997
Delta R.T. -0.07 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

**Instrument :**
BNA_F
**ClientSampleId :**
PB96817BS

Tgt Ion:149 Resp: 651720

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 65.0 | 63.9 | 95.9 |
| 206 | 21.0 | 14.6 | 21.8 |

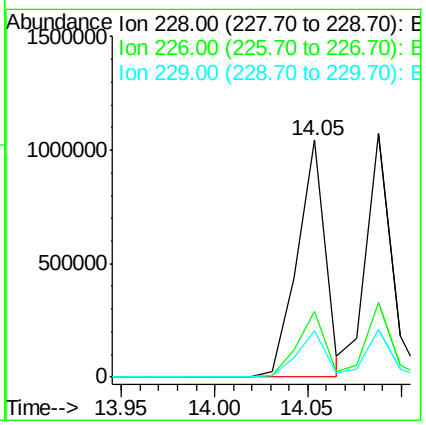


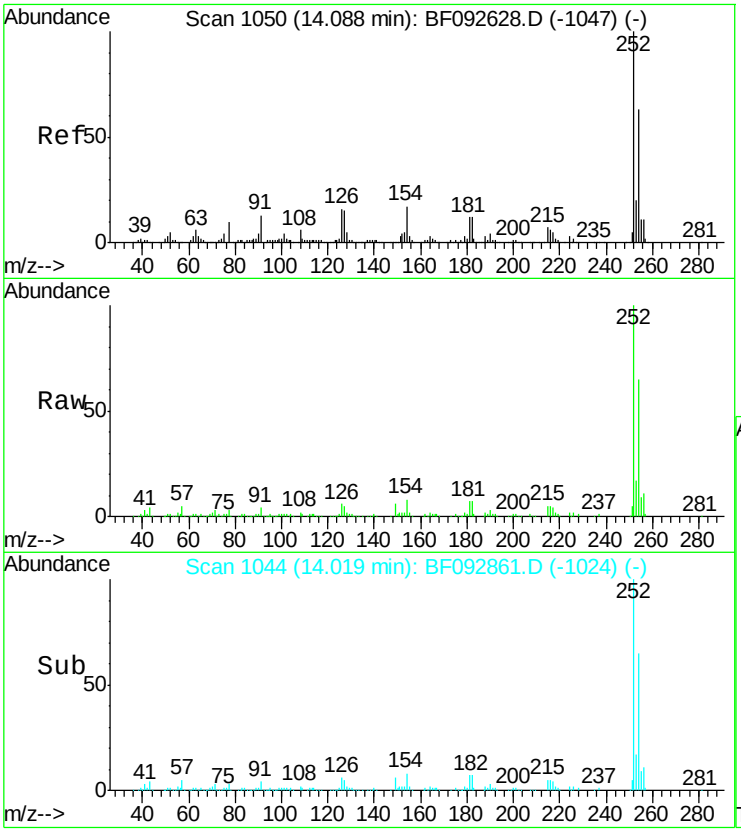




#80
Benzo(a)anthracene
Concen: 37.15 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.07 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

Tgt Ion:228 Resp: 1095105

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.0 | 22.4 | 33.6 |
| 229 | 19.7 | 16.2 | 24.4 |



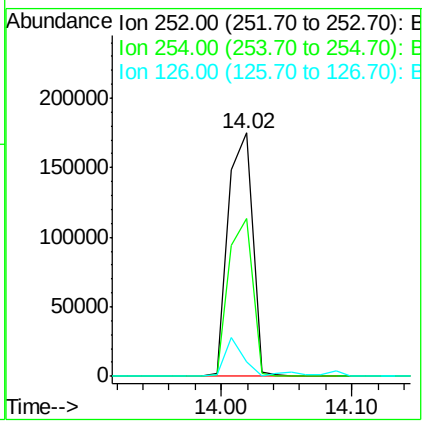


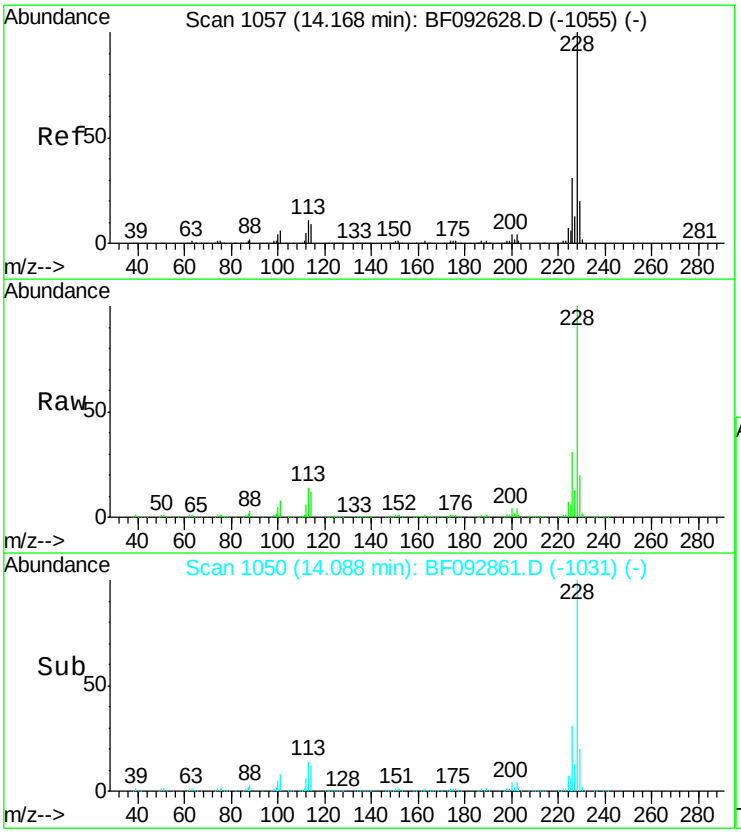

#81
3,3'-Dichlorobenzidine
Concen: 21.65 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.07 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

**Instrument :**
BNA_F
**ClientSampleId :**
PB96817BS

Tgt Ion:252 Resp: 227470

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.9 | 52.3 | 78.5 |
| 126 | 6.0 | 13.6 | 20.4# |

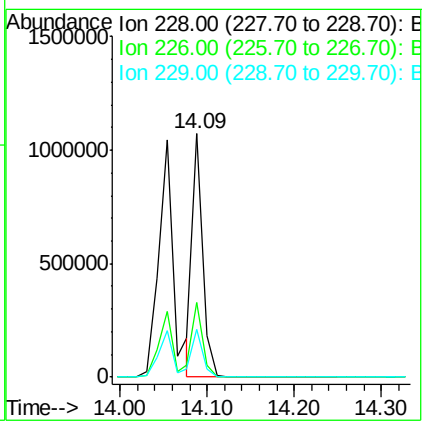


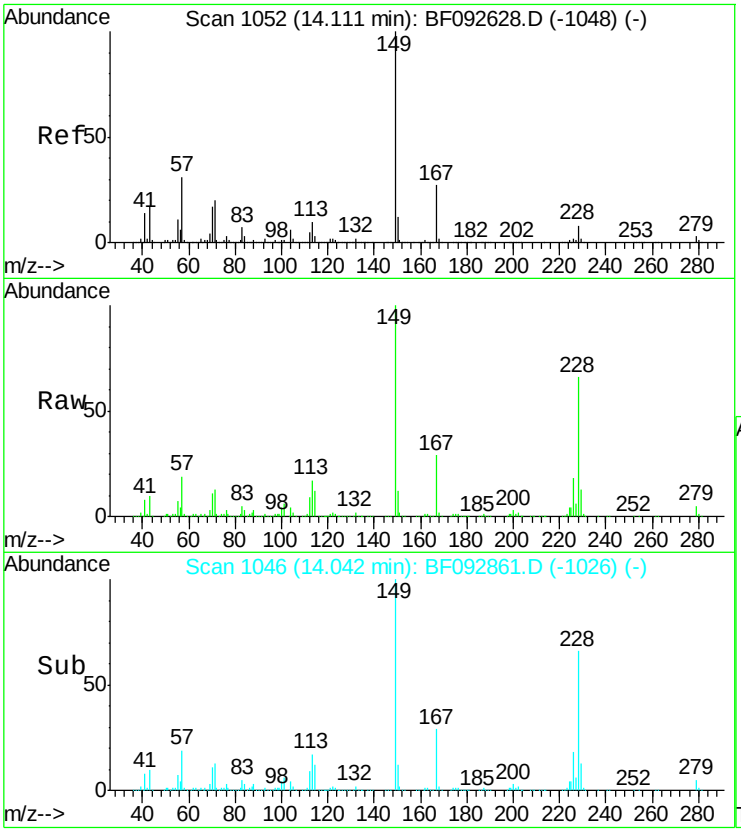




#82
Chrysene
Concen: 31.65 ng
RT: 14.09 min Scan# 1050
Delta R.T. -0.08 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

Tgt Ion:228 Resp: 873329

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.8 | 25.4 | 38.0 |
| 229 | 19.8 | 16.2 | 24.2 |



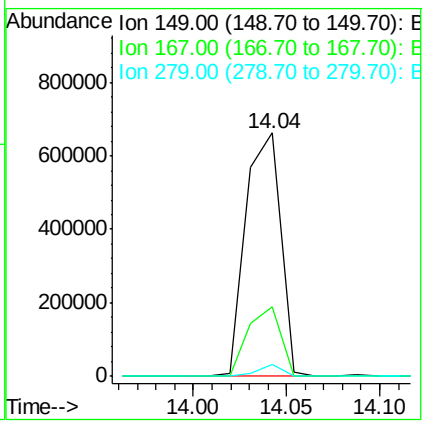


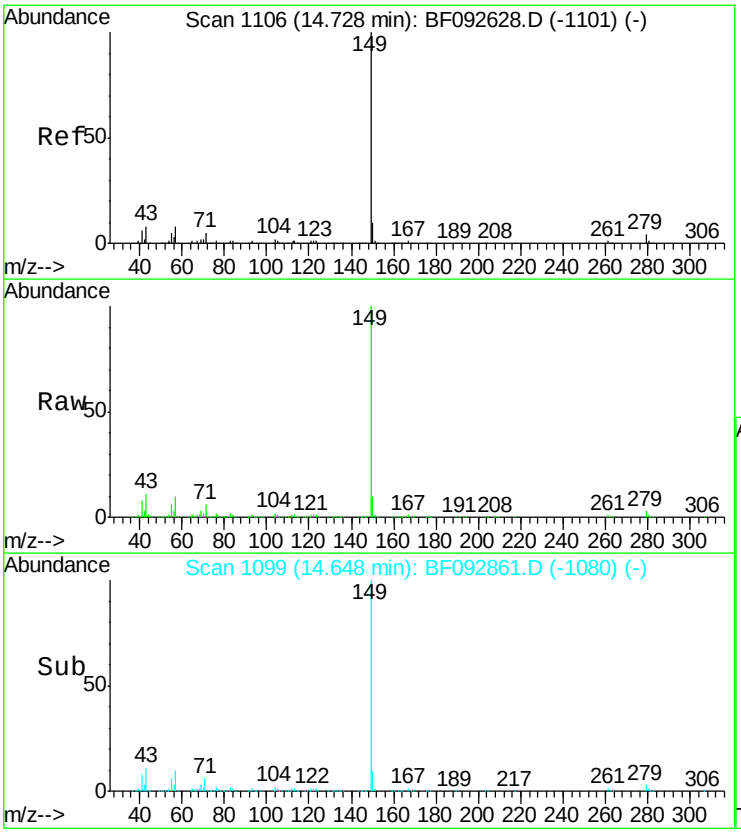

#83
Bis(2-ethylhexyl)phthalate
Concen: 42.99 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.07 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

**Instrument :**
BNA_F
**ClientSampleId :**
PB96817BS

Tgt Ion:149 Resp: 861000

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 28.7 | 20.2 | 30.4 |
| 279 | 4.7 | 1.8 | 2.8# |

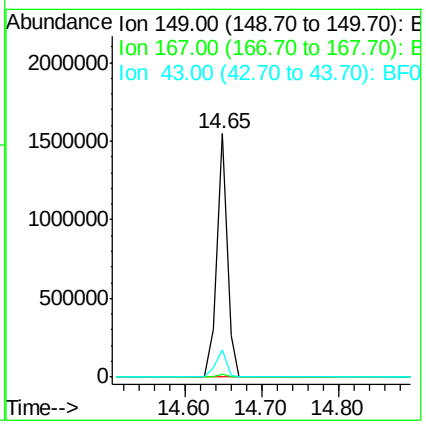


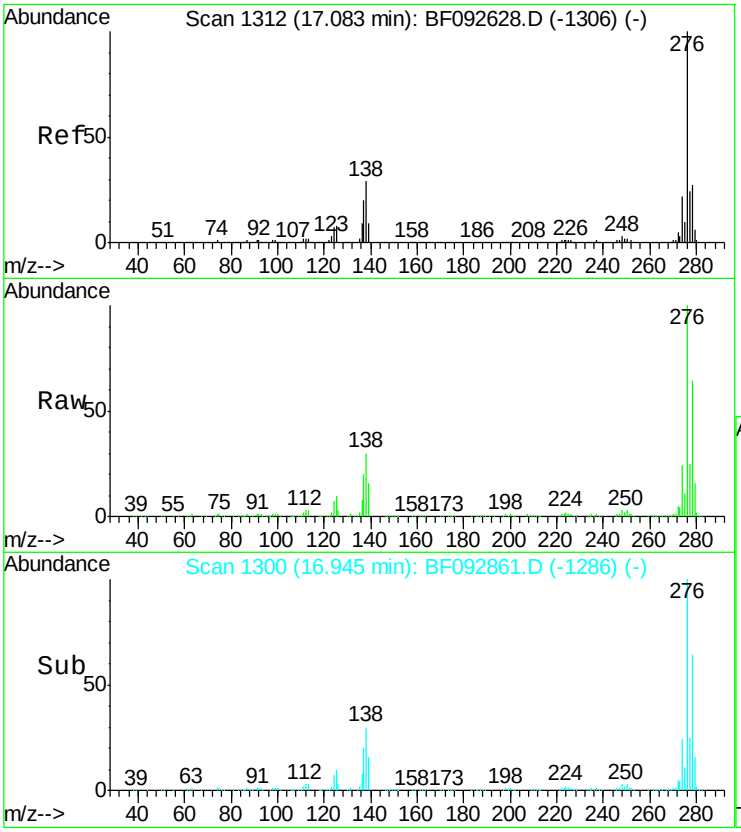




#84
Di-n-octyl phthalate
Concen: 44.77 ng
RT: 14.65 min Scan# 1099
Delta R.T. -0.08 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

Tgt Ion:149 Resp: 1460309

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.5 | 1.3 | 1.9 |
| 43 | 11.5 | 8.9 | 13.3 |



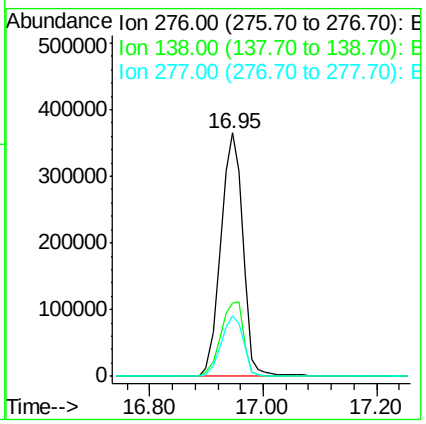


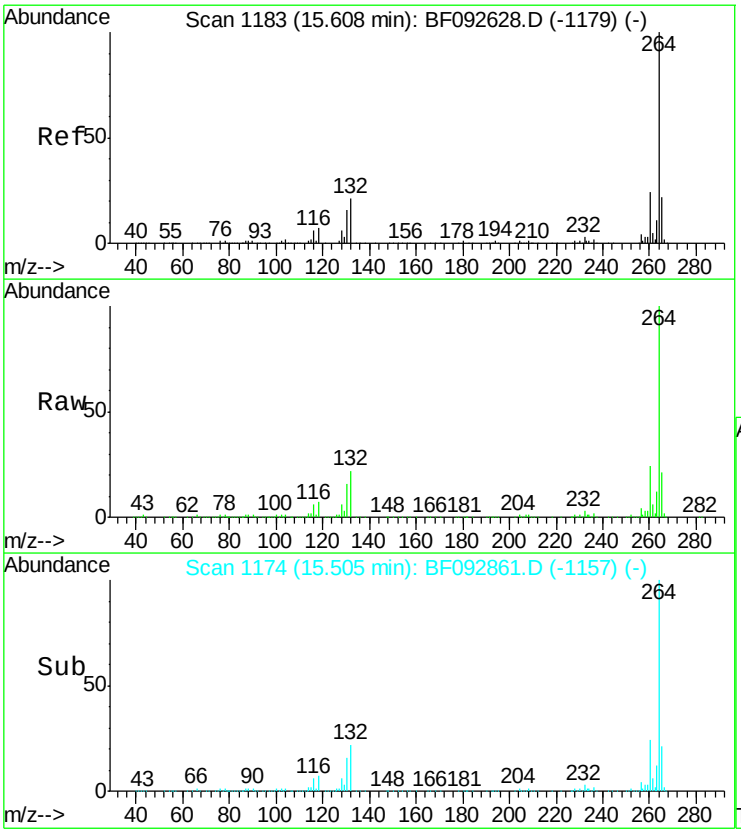

#85
Indeno(1,2,3-cd)pyrene
Concen: 46.65 ng
RT: 16.95 min Scan# 1300
Delta R.T. -0.14 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

**Instrument :**
BNA_F
**ClientSampleId :**
PB96817BS

Tgt Ion:276 Resp: 997261

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 31.8 | 21.8 | 32.6 |
| 277 | 25.1 | 20.2 | 30.4 |

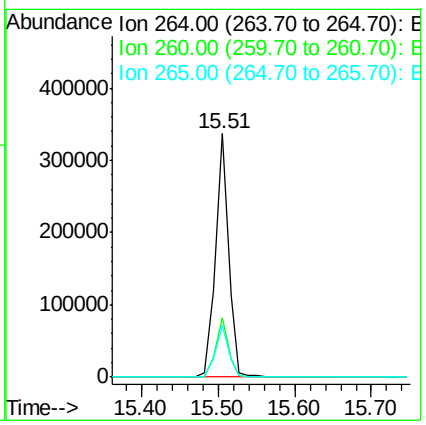


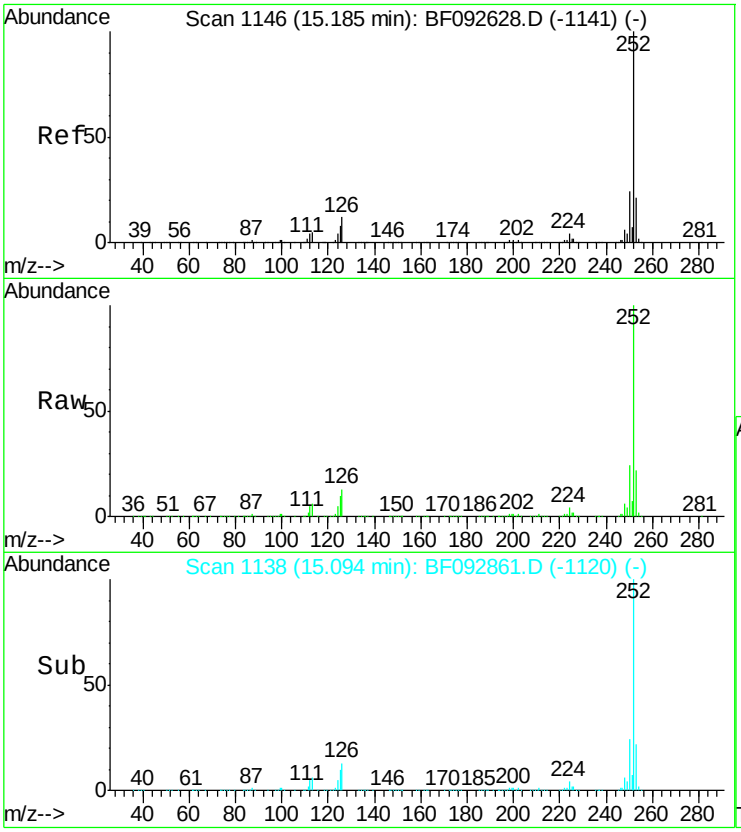




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. -0.10 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

Tgt Ion:264 Resp: 402930

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.1 | 19.2 | 28.8 |
| 265 | 21.4 | 17.4 | 26.0 |



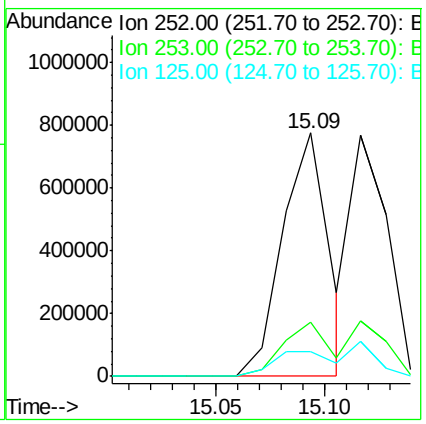


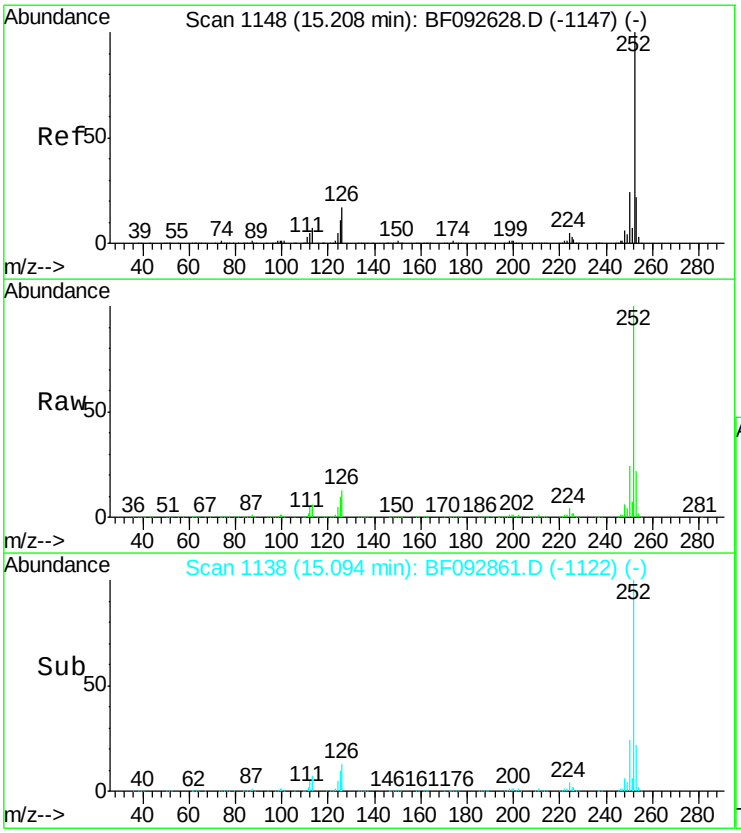

#87
Benzo(b)fluoranthene
Concen: 43.03 ng
RT: 15.09 min Scan# 1138
Delta R.T. -0.09 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

**Instrument :**
BNA_F
**ClientSampleId :**
PB96817BS

Tgt Ion:252 Resp: 1141198

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 18.2 | 27.4 |
| 125 | 10.0 | 9.8 | 14.6 |

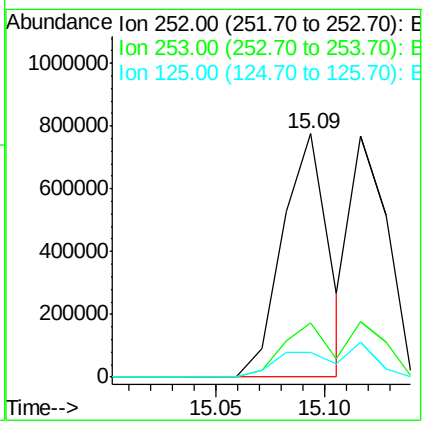


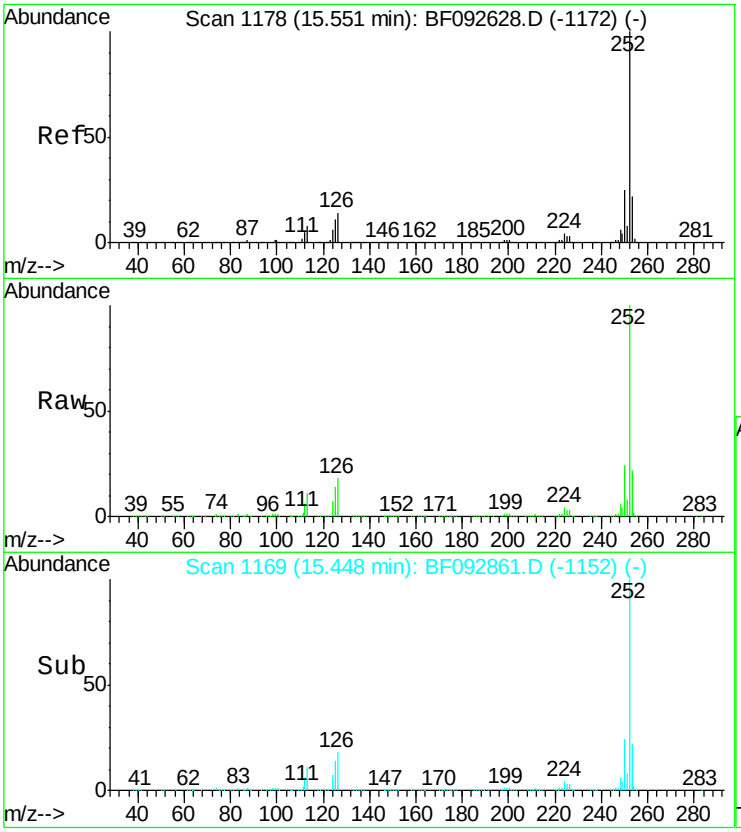




#88
Benzo(k)fluoranthene
Concen: 49.84 ng
RT: 15.09 min Scan# 1138
Delta R.T. -0.11 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

Tgt Ion:252 Resp: 1141198

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 18.5 | 27.7 |
| 125 | 10.0 | 8.9 | 13.3 |



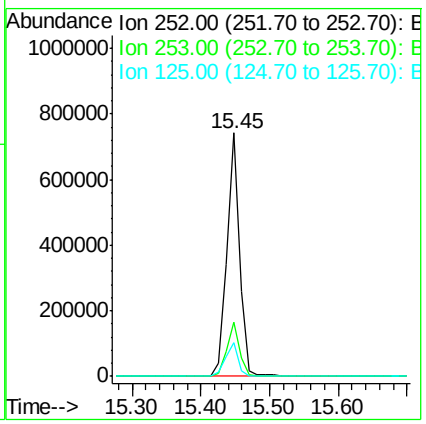


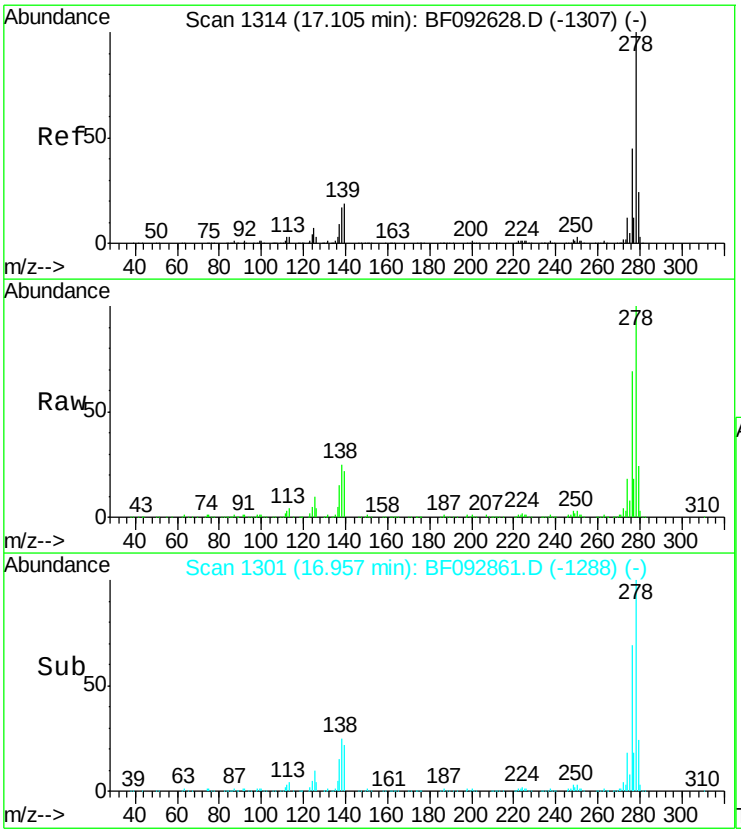

#89
Benzo(a)pyrene
Concen: 42.37 ng
RT: 15.45 min Scan# 1169
Delta R.T. -0.10 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

**Instrument :**
BNA_F
**ClientSampleId :**
PB96817BS

Tgt Ion:252 Resp: 972067

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.0 | 18.2 | 27.2 |
| 125 | 13.6 | 10.0 | 15.0 |

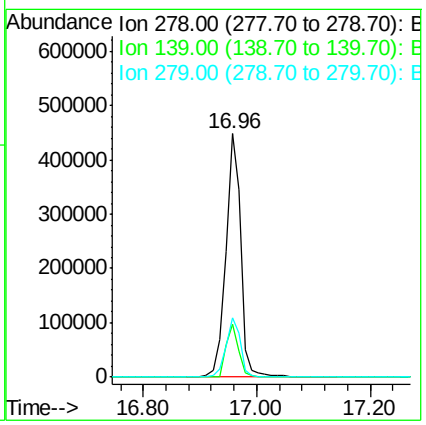


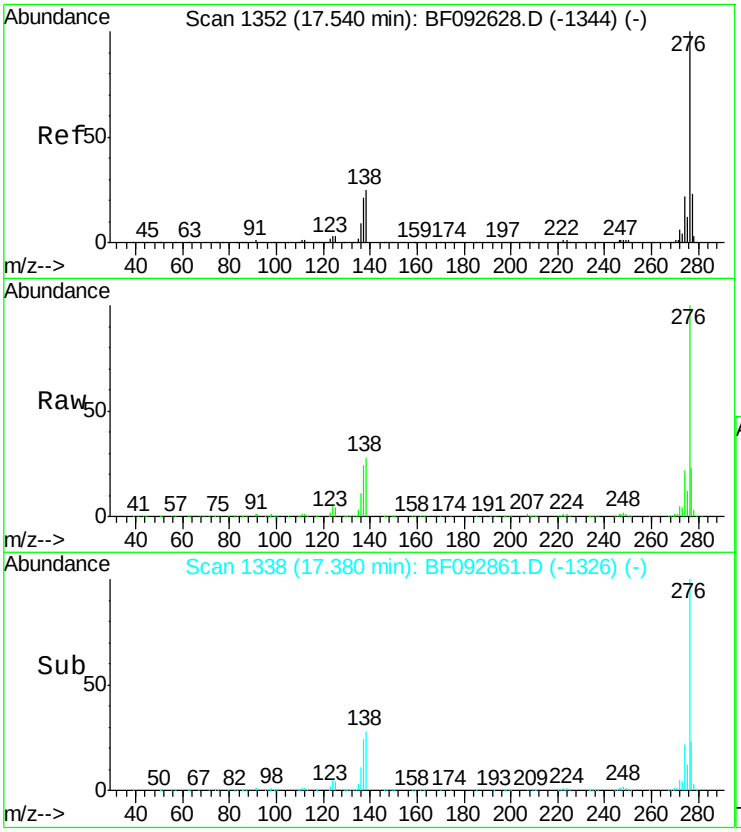




#90
Dibenzo(a,h)anthracene
Concen: 44.62 ng
RT: 16.96 min Scan# 1301
Delta R.T. -0.15 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

Tgt Ion:278 Resp: 827277

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 21.8 | 14.8 | 22.2 |
| 279 | 24.1 | 19.8 | 29.6 |






#91
Benzo(g,h,i)perylene
Concen: 44.73 ng
RT: 17.38 min Scan# 1338
Delta R.T. -0.16 min
Lab File: BF092861.D
Acq: 8 Feb 2017 18:57

**Instrument :**
BNA_F
**ClientSampleId :**
PB96817BS

Tgt Ion:276 Resp: 837865

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.3 | 19.2 | 28.8 |
| 138 | 28.4 | 16.0 | 24.0# |